AXIOM®

CAR REFINISH

AUTOMOTIVE REFINISH COATINGS



production area
30 000 m²

RUSSIAN TECHNICAL AEROSOLS GROUP

For 20 years, the Russian Technical Aerosols group of companies has been a leading manufacturer of automotive and decorative paints and clearcoats, automotive chemicals and car care products, adhesives, sealants and technical aerosols.

Our products are sold through more than 3000 retail outlets in Russia, Kazakhstan, Belarus, Armenia and Moldova.

For 20 years, our highly qualified specialists have brought extensive practical experience to the development, quality control and production of paints and clearcoats, automotive chemicals, car care products and other technical products.

Our long-standing manufacturing expertise and quality control at every stage of production enable us to offer proven products, innovative developments and advanced technical solutions tailored to professional applications.

OUR MISSION

To develop high-tech, environmentally responsible manufacturing and create new jobs.

OUR GOAL

To become the largest professional manufacturer of technical aerosols, paints and clearcoats and construction chemicals in the Eurasian Economic Union.

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1 SURFACE CLEANING AND LEVELLING

- Clean and degrease the entire repair area with **A4190 Silicone Remover / Degreaser** (p. 71) and/or **A4189 Universal Anti-Static Cleaner** (p. 69) when repairing a plastic part.
- Clean and degrease using a sprayer filled with **A4190**/**A4189** and/or two **AP-A206** wipes (p. 96). Wipe the area with a cloth moistened with degreaser, then wipe with a dry cloth. Do not allow the degreaser to evaporate from the surface unaided.
- Remove the old paint from the repair area using P80-P120 abrasive with a sanding block and/or a stripping/sanding machine.
- Feather the edges of the repair area with P180 abrasive.
- Clean and degrease the surface with **A4190**.



2 TAPING AND MASKING

- Mask off parts that are not being painted or repaired, using masking paper, **AP020** Protective Masking Film (p. 97) and **AP051**/**AP052**/**AP053**/**AP054** masking tape of the required width (p. 95).



3 BODY FILLER APPLICATION AND SANDING

- Mix and apply the body filler to the repair area, avoiding the old paintwork where necessary.
- Polyester body fillers can be applied to aluminium, electroplated and steel surfaces, and other bare metal substrates.
- Once mixed, the polyester body filler can be applied to prepared surfaces using a metal and/or plastic spreader.
- **A4161 Universal Polyester Putty** (p. 12) offers high filling capacity, mechanical strength and excellent adhesion to various substrates.
- **A4162 Fine Polyester Putty** (p. 14), with fine filler particles and a creamy consistency, offers high filling capacity, mechanical strength and excellent adhesion to various substrates. It is used for finishing and filling small pores and defects.
- **A4163** (p. 16) and **A4164** (p. 18) body fillers reinforced with glass fibres and glass microfibres, and **A4166** (p. 22) with “carbon”-type microfibre, offer high filling capacity, mechanical strength and excellent adhesion to various substrates, including galvanised steel. They are intended for filling deep dents, damaged areas and rusted areas of vehicle bodywork.
- **A4165 Lightweight Polyester Putty** (p. 20) is intended for small finishing repairs to minor dents or scratches and for filling large, flat body panels such as roofs and bonnets. Its exceptionally low weight avoids adding unnecessary weight to the structure.
- Allow the body filler to dry.
- Apply **A9695 Black Dry Guide Coat Spray** (p. 80) to the filled area to highlight surface irregularities before sanding.
- Sand and level the filled area.
- Use P80-P120 abrasive with a sanding block and/or sanding machine.
- Remove dust and reapply **A9695 Black Dry Guide Coat Spray** to the filled area. Sand the repair area, refining scratches and feathering the edges, using P180-P240 abrasive with a sanding block and/or sanding machine.
- Inspect the prepared area. If necessary, fill pores with **A4162**/**A4165** fine finishing or lightweight polyester body filler and repeat the sanding process.



4 SURFACE PREPARATION FOR PRIMING

- Clean and degrease the entire repair area with **A4190 Silicone Remover / Degreaser** (p. 71) and/or **A4189 Universal Anti-Static Cleaner** (p. 69).
- Clean and degrease using a sprayer filled with **A4190**/**A4189** and/or two **AP-A206** wipes (p. 96).
- Wipe the area with a cloth moistened with degreaser, then wipe with a dry cloth.
- Do not allow the degreaser to evaporate from the surface unaided.
- Sand beyond the damaged area, feathering the transition to the unaffected existing paintwork.
- Use P320 abrasive on a soft backing with a sanding block and/or sanding machine.
- For hand sanding edges or areas that are difficult to reach, use flexible P320-P400 abrasive sheets or sponges



5 PRIMER APPLICATION

- Clean and degrease the entire repair area with **A4190 Silicone Remover / Degreaser** (p. 71) and/or **A4189 Universal Anti-Static Cleaner** (p. 69).
- Clean and degrease using a sprayer filled with **A4190** and/or two **AP-A206** wipes (p. 96). Wipe the area with a cloth moistened with degreaser, then wipe with a dry cloth.
- Do not allow the degreaser to evaporate from the surface unaided.
- Use tack cloths to remove fine dust particles.
- Select and apply a primer in accordance with the following instructions.
- All areas sanded through to metal must be coated with an anticorrosive primary primer to prevent subsequent corrosion. Anticorrosive primers improve the efficiency of the painting process and provide corrosion protection for the metal.
- Use **A4174 Wash Primer** (p. 24) to form a protective layer on bare metal.
- Clean and degrease the surface to be painted.

- Mix **A4174** Primer with **A4174H Washprimer Active Thinner** (p. 50) at a ratio of 1:1.
- Use **AP075**/**AP076**/**AP077**/**AP078** mixing cups of a suitable size (p. 93) with **AP081**/**AP082** strainers (p. 94), or the **AP071** disposable mixing system (p. 92).
- The ready-to-use mixture requires no further thinning. If necessary, RFG, 648 or R-6 type solvents may be used; these are also suitable for cleaning equipment.
- Use a spray gun with a 1.3–1.6 mm nozzle at a working pressure of 2–3 bar.
- Apply 1–2 coats to bare metal previously sanded with P120-P220 abrasive, depending on the type of metal surface.
- Allow 5–10 minutes between coats and approximately 30 minutes at +20 °C before applying the required subsequent primer coat: a universal acrylic primer or primer surfacer.
- Etch primer does not require sanding.
- **A4175 Epoxy Primer Filler** (p. 26) is an alternative to **A4174 Wash Primer** for application to bare metal as a primary adhesion-promoting coat. **A4175 Epoxy Primer Filler** can be used as a sealer and in a wet-on-wet repair system.
- In some applications, epoxy primer is far more suitable. It forms a non-porous, waterproof film and provides mechanical strength, good adhesion to metal (steel and aluminium) and resistance to high temperatures.
- Epoxy primer effectively seals bare metal, significantly reducing the likelihood of corrosion.
- During vehicle body restoration, epoxy primer provides a base for corrosion protection onto which all subsequent materials, including body filler, can be applied. However, epoxy primer will not stop or neutralise existing rust, so the metal must be free from corrosion.
- Clean and degrease the surface to be painted.
- Mix **A4175 Epoxy Primer Filler** with **A4175H** Hardener (p. 51) and **A4175T** Epoxy Thinner (p. 62) at a ratio of 3:1:20–30.
- Use **AP075**/**AP076**/**AP077**/**AP078** mixing cups of a suitable size with **AP081**/**AP082** strainers, or the **AP071** disposable mixing system.
- Use a spray gun with a 1.5–1.8 mm nozzle at a working pressure of 2–3 bar.
- Apply 1–3 coats to the previously sanded surface.
- For steel, sand with P120-P220 abrasive; for aluminium, use an abrasive sponge or P320; for existing paintwork, use P220-P320.
- Allow 10–15 minutes between coats at +20 °C, then dry for 30 minutes at +60 °C.
- After drying, sand with P320 abrasive if a high-build primer surfacer is required. If basecoat is to be applied next, sand progressively with P320-P400-P500 abrasive.
- Universal acrylic primer surfacers are applied in 2–3 coats to give a total coating thickness of 100–180 µm. This is sufficient in most cases.
- **A4178 Anti-Corrosion Acrylic Primer** (p. 32) can be used as a pore-filling primer, a tintable primer or a wet-on-wet primer. It also provides corrosion protection on small areas sanded through to metal.
- The primer is available in three colours: grey, white and black. These can be mixed to obtain the required shade of grey.
- Sand the substrate with P120-P320 abrasive, depending on the type of surface.
- Clean and degrease the surface to be painted.
- Mix **A4178** Primer with **A4178H** Hardener (p. 53) and **A4191** Universal Thinner (p. 63) at a ratio of 4:1:5–15.
- Use **AP075**/**AP076**/**AP077**/**AP078** mixing cups of a suitable size (p. 93) with **AP081**/**AP082** strainers (p. 94), or the **AP071** disposable mixing system (p. 92).
- Use a spray gun with a 1.5–2.0 mm nozzle at a working pressure of 2–3 bar. Apply 2–3 coats to the previously sanded surface.
- Allow 5–10 minutes between coats at +20 °C, then dry for 90 minutes at +20 °C or 20 minutes at +60 °C.
- After drying, sand with P320-P400/P500 abrasive before applying any subsequent 2K acrylic coating or basecoat.
- High-build primers allow greater film thicknesses of up to 250–300 µm. These products are useful for extensive restoration work involving large areas or entire damaged panels.
- **A4179 HS High Build Acrylic Filler** (p. 34) or **A4180 Fast Sanding Primer Filler** (p. 36) can be used as pore-filling primers, tintable primers or wet-on-wet primers.
- **A4180 Fast Sanding Primer Filler** offers particularly easy sanding, including in areas that are difficult to reach.
- Sand the substrate with P120-P320 abrasive, depending on the type of surface.
- Clean and degrease the surface to be painted.
- Mix **A4179** Primer with **A4178H** Hardener (p. 53) and **A4191** Universal Thinner (p. 63) at a ratio of 4:1:10–20.



- Use **AP075**/**AP076**/**AP077**/**AP078** mixing cups of a suitable size (p. 93) with **AP081**/**AP082** strainers (p. 94), or the **AP071** disposable mixing system (p. 92).
- Use a spray gun with a 1.5–2.0 mm nozzle at a working pressure of 2–3 bar. Apply 1–3 coats to the previously sanded surface.
- Allow 10–20 minutes between coats at +20 °C, then dry for 90 minutes at +20 °C or 20 minutes at +60 °C.
- After drying, sand with P320-P400/P500 abrasive before applying any subsequent 2K acrylic coating or basecoat.
- At low temperatures, use fast-drying coatings such as **A4171 Fast HS High Build Acrylic Filler** (p. 30), fast hardeners such as **A4178H**F (p. 54), or fast thinners such as **A4191F** (p. 64).
- Fast-drying materials ensure optimum drying times and finish quality when painting in unequipped repair workshops and garages at temperatures below +15 °C.
- At high temperatures above +25 °C, slow hardeners such as **A4178HS** (p. 55) may be used.

6 SURFACE PREPARATION FOR ENAMEL APPLICATION

- Remove dust and degrease the entire repair area with **A4190 Silicone Remover / Degreaser** (p. 71) and/or **A4189 Universal Anti-Static Cleaner** (p. 69).
- Clean and degrease using a sprayer filled with **A4190**/**A4189** and/or two **AP-A206** wipes (p. 96).
- Wipe the area with a cloth moistened with degreaser, then wipe with a dry cloth.
- Do not allow the degreaser to evaporate from the surface unaided.
- Apply **A9695 Black Dry Guide Coat Spray** (p. 80) to the primed area to highlight surface irregularities before sanding.
- Sand with P320 abrasive using a sanding block and/or sanding machine.
- For hand sanding edges or areas that are difficult to reach, use flexible P320-P400 abrasive sheets or sponges.
- Remove dust and reapply **A9695 Black Dry Guide Coat Spray** to the primed area.
- Sand the primed area, refining scratches and feathering the edges, using P400-P500 abrasive (depending on the properties and type of the subsequent finishing enamel). For hand sanding edges or areas that are difficult to reach, use flexible P600 abrasive sheets or sponges.
- Remove dust and degrease the entire repair area with **A4190 Silicone Remover / Degreaser** and/or **A4189 Universal Anti-Static Cleaner**.
- Apply **A4190 Silicone Remover / Degreaser** or **A9694** Colour Check Spray (p. 79), which simulates a gloss finish, and inspect the repair surface for irregularities.
- Repeat the sanding process if any sanding defects remain

7 ENAMEL APPLICATION

- Remove dust and degrease the entire repair area with **A4190 Silicone Remover / Degreaser** (p. 71).
- Use tack cloths to remove fine dust particles.
- For colour matching and comparing samples with the original paintwork, use **A9694** Colour Check Spray (p. 79), which simulates a clear coat finish.
- Apply the spray to the basecoat to create a temporary gloss.
- Compare the sample colour with the vehicle paintwork.
- For the best results, apply the inspection spray to both the paint sample and the vehicle at the same time.
- If necessary, wipe with a cloth after comparison.
- Apply basecoat layers in accordance with the paint manufacturer's recommendations, or use ready-made **A4151 Acrylic Basecoat Matt Black** (p. 40) if a deep black finish is required.
- Allow the basecoat to dry for 15–20 minutes at +20 °C before applying clear coat.
- For thinning enamels, we recommend **A4194** Basecoat Thinner (p. 66), or **A4194S** Slow Basecoat Thinner (p. 67) at high temperatures.
- Use **AP075**/**AP076**/**AP077**/**AP078** mixing cups of a suitable size (p. 93) with **AP081**/**AP082** strainers (p. 94), or the **AP071** disposable mixing system (p. 92).



8 FINAL CLEAR COAT APPLICATION

- Before applying clear coat, clean the surface with tack cloths to remove fine dust particles.
- Select a clear coat and apply it in accordance with the following instructions.
- **A4185 Acrylic Clearcoat** (p. 46) forms a protective coating resistant to UV radiation and mechanical stress.
- Mix **A4185** Clear Coat with **A4185H** Hardener (p. 58) and **A4191** Universal Thinner (p. 63) at a ratio of 2:1:5–15.
- Use **AP075**/**AP076**/**AP077**/**AP078** mixing cups of a suitable size (p. 93) with **AP081**/**AP082** strainers (p. 94), or the **AP071** disposable mixing system (p. 92).
- Use a spray gun with a 1.3–1.5 mm nozzle at a working pressure of 2–3 bar.
- Apply 2–3 full coats over the basecoat.
- Allow 5–10 minutes between coats at +20 °C.
- Dry for 6 hours at +20 °C or 20 minutes at +60 °C.
- **A4186 HS Acrylic Clearcoat** (p. 44) can be applied in 1.5 coats and forms a high-gloss protective coating resistant to UV radiation and mechanical stress.
- Mix **A4186** Clear Coat with **A4186H** Hardener (p. 60) and **A4191** Universal Thinner at a ratio of 2:1:5–15.
- Use **AP075**/**AP076**/**AP077**/**AP078** mixing cups of a suitable size (p. 93) with **AP081**/**AP082** strainers (p. 94), or the **AP071** disposable mixing system (p. 92).
- Use a spray gun with a 1.3–1.8 mm nozzle at a working pressure of 2–3 bar. Apply 1.5–2 coats over the dried basecoat.
- For a 1.5-coat application, apply a light first coat for adhesion, allow a flash-off period, then apply a full gloss coat.
- Allow 5–10 minutes between coats at +20 °C.
- Dry for 30–40 minutes at +60 °C.
- To accelerate drying at low temperatures, use **A4086H**F Fast Hardener (p. 61) or **A4093 Drying Accelerating Agent** (p. 72).
- When painting plastic parts, use **A4095 Elastic Additive for Acrylic Topcoats** (p. 73) to improve coating flexibility.



9 PAINT DEFECT CORRECTION. CLEAR COAT POLISHING

- If necessary, polish the clear-coated panel and the blending area using P1500-P2000-P3000 abrasive, a polishing machine and abrasive polishing compounds, following the manufacturer's recommendations.

A4161

2K UNIVERSAL POLYESTER PUTTY

DESCRIPTION

A professional product for high-quality local repairs to paintwork. The optimised filler particle size ensures easy application to all substrates, including galvanised steel, rapid drying without pinholes and easy sanding. Provides high filling capacity, mechanical strength and excellent adhesion to various substrates.

APPLICATION

Universal Polyester Putty can be applied to aluminium, galvanised steel, steel, wood and other bare metal surfaces, as well as fully cured existing coatings. After mixing, apply the polyester body filler to the prepared surface with a metal and/or plastic spreader.

COMPOSITION

Fillers, unsaturated polyester resins, solvents and pigments.

STORAGE

Store in the original container with the lid tightly closed, in a cool place at +5 °C to +25 °C.

Shelf life: 18 months.



A4161	**cream**
Net weight:	800 g
Pack size:	8 pcs
EAN-13:	4606445049244

Suitable substrates:
Steel, aluminium, wood, polyester and epoxy substrates, and existing finishes.

Surface preparation:
Thoroughly clean and sand the substrate. Select the abrasive grade below to suit the substrate.

Substrate	Sanding
Steel	Dry sand with P80
Aluminium, galvanised substrates	Dry sand with P180
Polyester and epoxy substrates	Dry sand with P280
Existing finish	Dry sand: P80 —> P180 —> P280

Clean and degrease the surface before further treatment and application of subsequent coats.

Mixing ratio:	
Body filler	100*
Hardener	2

* By volume.
Body filler +2 % red hardener (dibenzoyl peroxide paste).

Pot life
5–6 min at +20 °C.

Application:
Apply several coats with a spreader, using even pressure. Hold the spreader at 60° to the surface. Fill the damaged area in several thin layers. The dry film thickness must not exceed 5 mm. Do not apply the body filler in a single thick layer. **Warning!** Do not apply body filler directly to etch primers, 1K acrylic or nitrocellulose substrates. Do not apply to thermoplastic coatings.

Drying*:	
at +20 °C, min*	IR drying, min**
15–20	2–3

* Drying time may vary with the temperature, humidity and ventilation in the work area.
** At 50% power. Keep the short-wave IR lamp 80–100 cm from the surface; the temperature must not exceed +70 °C. Drying time may vary with the temperature, humidity and ventilation in the work area.

Further treatment and coatings:
Dry sand: P80 —> P240.
Apply 2K acrylic primers before applying enamel topcoats.

Flexibility:
200 µm coating.
No cracking, delamination or breakage when bent through 45°.

Density, g/cm³:
1.85 (±0.1) at +20 °C.

VOC information:
max. 254 g/l

A4162

2K FINE POLYESTER PUTTY

DESCRIPTION

A two-component polyester finishing body filler with fine filler particles and a creamy consistency. The optimised filler particle size ensures easy application to all substrates, including galvanised steel, rapid drying without pinholes and easy sanding. Provides high filling capacity, mechanical strength and excellent adhesion to various substrates. For finishing work and filling small pinholes and minor damage.

APPLICATION

Fine Polyester Putty can be applied to aluminium, galvanised steel, steel, wood and other bare metal surfaces, as well as fully cured existing coatings. After mixing, apply the polyester body filler to the prepared surface with a metal and/or plastic spreader.

COMPOSITION

Fillers, unsaturated polyester resins, solvents and pigments.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Shelf life: 18 months.



A4162	**sand**
Net weight:	800 g
Pack size:	8 pcs
EAN-13:	4606445049251

Suitable substrates:
Steel, aluminium, wood, polyester and epoxy substrates, and existing finishes.



Surface preparation:

Thoroughly clean and sand the substrate. Select the abrasive grade below to suit the substrate.



Substrate	Sanding
Steel	Dry sand with P80
Aluminium, galvanised substrates	Dry sand with P180
Polyester and epoxy substrates	Dry sand with P280
Existing finish	Dry sand: P80 —> P180 —> P280



Clean and degrease the surface before further treatment and application of subsequent coats.



Mixing ratio:	
Body filler	100*
Hardener	2

* By volume.
Body filler +2 % red hardener (dibenzoyl peroxide paste).

Pot life
5–6 min at +20 °C.



Application:

Apply several coats with a spreader, using even pressure. Hold the spreader at 60° to the surface. Fill the damaged area in several thin layers. The dry film thickness must not exceed 5 mm. Do not apply the body filler in a single thick layer.
Warning! Do not apply body filler directly to etch primers, 1K acrylic or nitrocellulose substrates. Do not apply to thermoplastic coatings.



Drying*:	
at +20 °C, min*	IR drying, min**
15–20	2–3

* Drying time may vary with the temperature, humidity and ventilation in the work area.
** At 50% power. Keep the short-wave IR lamp 80–100 cm from the surface; the temperature must not exceed +70 °C. Drying time may vary with the temperature, humidity and ventilation in the work area.



Further treatment and coatings:

Dry sand: P80 —> P240.



Apply 2K acrylic primers before applying enamel topcoats.

Flexibility:
200 µm coating.
No cracking, delamination or breakage when bent through 45°.

Density, g/cm³:
1.85 (±0.1) at +20 °C.

VOC information:
max. 267 g/l

A4163

2K GLASS FIBRE POLYESTER PUTTY

DESCRIPTION

A two-component polyester body filler reinforced with glass fibre. Provides high filling capacity, mechanical strength and excellent adhesion to various substrates, including galvanised steel. Dries rapidly and sands easily. For filling deep dents, damage and rusted areas of vehicle bodywork.

APPLICATION

Glass Fibre Polyester Putty can be applied to aluminium, galvanised steel, steel, wood and other bare metal surfaces, as well as fully cured existing coatings. After mixing, apply the polyester body filler to the prepared surface with a metal and/or plastic spreader.

COMPOSITION

Unsaturated polyester resins, solvents, glass fibre, pigments and fillers.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Shelf life: 18 months.



A4163	**green**
Net weight:	800 g
Pack size:	8 pcs
EAN-13:	4606445049268

Suitable substrates:

Steel, aluminium, wood, polyester and epoxy substrates, and existing finishes.



Surface preparation:

Thoroughly clean and sand the substrate. Select the abrasive grade below to suit the substrate.



Substrate	Sanding
Steel	Dry sand with P80
Aluminium, galvanised substrates	Dry sand with P180
Polyester and epoxy substrates	Dry sand with P280
Existing finish	Dry sand: P80 —> P180 —> P280



Clean and degrease the surface before further treatment and application of subsequent coats.



Mixing ratio:	
Body filler	100*
Hardener	2

* By volume.
Body filler +2 % red hardener (dibenzoyl peroxide paste).

Pot life

5–6 min at +20 °C.



Application:

Apply several coats with a spreader, using even pressure. Hold the spreader at 60° to the surface. Fill the damaged area in several thin layers. The dry film thickness must not exceed 5 mm. Do not apply the body filler in a single thick layer.
Warning! Do not apply body filler directly to etch primers, 1K acrylic or nitrocellulose substrates. Do not apply to thermoplastic coatings.



Drying*:	
at +20 °C, min*	IR drying, min**
15–20	2–3

* Drying time may vary with the temperature, humidity and ventilation in the work area.
** At 50% power. Keep the short-wave IR lamp 80–100 cm from the surface; the temperature must not exceed +70 °C. Drying time may vary with the temperature, humidity and ventilation in the work area.



Further treatment and coatings:

Dry sand: P80 —> P240.



Apply 2K acrylic primers before applying enamel topcoats.

Flexibility:

200 µm coating.

No cracking, delamination or breakage when bent through 45°.

Density, g/cm³:

1.85 (±0.1) at +20 °C.

VOC information:

max. 245 g/l

A4164

2K MICRO GLASS FIBRE POLYESTER PUTTY

DESCRIPTION

A two-component polyester body filler reinforced with glass microfibre. Provides high filling capacity, mechanical strength and excellent adhesion to various substrates, including galvanised steel. Dries rapidly and sands easily. For filling deep dents, damage and rusted areas of vehicle bodywork.

APPLICATION

Micro Glass Fibre Polyester Putty can be applied to aluminium, galvanised steel, steel, wood and other bare metal surfaces, as well as fully cured existing coatings. After mixing, apply the polyester body filler to the prepared surface with a metal and/or plastic spreader.

COMPOSITION

Unsaturated polyester resins, solvents, glass fibre, pigments and fillers.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Shelf life: 18 months.



A4164	**violet**
Net weight:	800 g
Pack size:	8 pcs
EAN-13:	4606445049275

Suitable substrates:
Steel, aluminium, wood, polyester and epoxy substrates, and existing finishes.



Surface preparation:
Thoroughly clean and sand the substrate. Select the abrasive grade below to suit the substrate.



Substrate	Sanding
Steel	Dry sand with P80
Aluminium, galvanised substrates	Dry sand with P180
Polyester and epoxy substrates	Dry sand with P280
Existing finish	Dry sand: P80 —> P180 —> P280



Clean and degrease the surface before further treatment and application of subsequent coats.



Mixing ratio:	
Body filler	100*
Hardener	2

* By volume.
Body filler +2 % red hardener (dibenzoyl peroxide paste).

Pot life
5–6 min at +20 °C.



Application:
Apply several coats with a spreader, using even pressure. Hold the spreader at 60° to the surface. Fill the damaged area in several thin layers. The dry film thickness must not exceed 5 mm. Do not apply the body filler in a single thick layer. **Warning!** Do not apply body filler directly to etch primers, 1K acrylic or nitrocellulose substrates. Do not apply to thermoplastic coatings.



Drying*:	
at +20 °C, min*	IR drying, min**
15–20	2–3

* Drying time may vary with the temperature, humidity and ventilation in the work area.
** At 50% power. Keep the short-wave IR lamp 80–100 cm from the surface; the temperature must not exceed +70 °C. Drying time may vary with the temperature, humidity and ventilation in the work area.



Further treatment and coatings:
Dry sand: P80 —> P240.



Apply 2K acrylic primers before applying enamel topcoats.

Flexibility:
200 µm coating.
No cracking, delamination or breakage when bent through 45°.

Density, g/cm³:
1.70 (±0.1) at +20 °C.

VOC information:
max. 315 g/l

A4165

2K LIGHTWEIGHT POLYESTER PUTTY

DESCRIPTION

A lightweight two-component polyester body filler. Provides high filling capacity, mechanical strength and excellent adhesion to various substrates, including galvanised steel. Dries rapidly and sands easily. For both local finishing repairs to small dents and scratches and filling large, flat body panels such as roofs or bonnets.

APPLICATION

Lightweight Polyester Putty can be applied to aluminium, galvanised steel, steel, wood and other bare metal surfaces, as well as fully cured existing coatings. After mixing, apply the polyester body filler to the prepared surface with a metal and/or plastic spreader.

COMPOSITION

Unsaturated polyester resins, solvents, glass fibre, pigments and fillers.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Shelf life: 18 months.

A4165	**light blue**
Net weight:	700 g
Pack size:	8 pcs
EAN-13:	4606445049282



Suitable substrates:
Steel, aluminium, wood, polyester and epoxy substrates, and existing finishes.



Surface preparation:
Thoroughly clean and sand the substrate. Select the abrasive grade below to suit the substrate.



Substrate	Sanding
Steel	Dry sand with P80
Aluminium, galvanised substrates	Dry sand with P180
Polyester and epoxy substrates	Dry sand with P280
Existing finish	Dry sand: P80 —> P180 —> P280



Clean and degrease the surface before further treatment and application of subsequent coats.



Mixing ratio:	
Body filler	100*
Hardener	2

* By volume.
Body filler +2 % red hardener (dibenzoyl peroxide paste).

Pot life
5–6 min at +20 °C.



Application:
Apply several coats with a spreader, using even pressure. Hold the spreader at 60° to the surface. Fill the damaged area in several thin layers. The dry film thickness must not exceed 5 mm. Do not apply the body filler in a single thick layer. **Warning!** Do not apply body filler directly to etch primers, 1K acrylic or nitrocellulose substrates. Do not apply to thermoplastic coatings.



Drying*:	
at +20 °C, min*	IR drying, min**
15–20	2–3

* Drying time may vary with the temperature, humidity and ventilation in the work area.
** At 50% power. Keep the short-wave IR lamp 80–100 cm from the surface; the temperature must not exceed +70 °C. Drying time may vary with the temperature, humidity and ventilation in the work area.



Further treatment and coatings:
Dry sand: P80 —> P240.



Apply 2K acrylic primers before applying enamel topcoats.

Flexibility:
200 µm coating.
No cracking, delamination or breakage when bent through 45°.

Density, g/cm³:
1.03 (±0.1) at +20 °C.

VOC information:
max. 217 g/l

A4166

NEW!

MICRO GLASS FIBRE POLYESTER PUTTY (CARBON)



DESCRIPTION

A two-component polyester body filler reinforced with glass microfibre. Provides high filling capacity, mechanical strength and excellent adhesion to various substrates, including galvanised steel. Dries rapidly and sands easily. For filling deep dents, damage and rusted areas of vehicle bodywork.

APPLICATION

Micro Glass Fibre Polyester Putty can be applied to aluminium, galvanised steel, steel, wood and other bare metal surfaces, as well as fully cured existing coatings. After mixing, apply the polyester body filler to the prepared surface with a metal and/or plastic spreader.

COMPOSITION

Unsaturated polyester resins, solvents, glass fibre, pigments and fillers.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Shelf life: 18 months.

A4166	**dark grey**
Net weight:	800 g
Pack size:	8 pcs
EAN-13:	4606445055412

Suitable substrates:
Steel, aluminium, wood, polyester and epoxy substrates, and existing finishes.



Surface preparation:
Thoroughly clean and sand the substrate. Select the abrasive grade below to suit the substrate.



Substrate	Sanding
Steel	Dry sand with P80
Aluminium, galvanised substrates	Dry sand with P180
Polyester and epoxy substrates	Dry sand with P280
Existing finish	Dry sand: P80 —> P180 —> P280



Clean and degrease the surface before further treatment and application of subsequent coats.



Mixing ratio:	
Body filler	100*
Hardener	2

* By volume.
Body filler +2 % red hardener (dibenzoyl peroxide paste).

Pot life
5–6 min at +20 °C.



Application:
Apply several coats with a spreader, using even pressure. Hold the spreader at 60° to the surface. Fill the damaged area in several thin layers. The dry film thickness must not exceed 5 mm. Do not apply the body filler in a single thick layer. **Warning!** Do not apply body filler directly to etch primers, 1K acrylic or nitrocellulose substrates. Do not apply to thermoplastic coatings.



Drying*:	
at +20 °C, min*	IR drying, min**
15–20	2–3

* Drying time may vary with the temperature, humidity and ventilation in the work area.
** At 50% power. Keep the short-wave IR lamp 80–100 cm from the surface; the temperature must not exceed +70 °C. Drying time may vary with the temperature, humidity and ventilation in the work area.



Further treatment and coatings:
Dry sand: P80 —> P240.



Apply 2K acrylic primers before applying enamel topcoats.

Flexibility:
200 µm coating.
No cracking, delamination or breakage when bent through 45°.

Density, g/cm³:
1.70 (±0.1) at +20 °C.

VOC information:
max. 315 g/l

A4174

2K WASH PRIMER 1:1

DESCRIPTION

A professional 2K etch primer for preparing ferrous and non-ferrous metal surfaces for painting. Provides reliable corrosion protection for metal components. Excellent adhesion to all metals ensures a strong bond between the topcoat and the substrate. Used as an isolating primer and adhesion promoter.
No subsequent sanding required.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Before priming, clean, dry, degrease and dry sand the substrate with P80–P240 abrasive, depending on the substrate.
- Mask off areas not to be primed.
- Apply 1–2 coats.
- Etch primer is intended for application to metal.
- Intercoat Drying: 5–10 minutes at 20 °C.
- No sanding required.
- Subsequent coatings: acrylic primers. Do not apply polyester body fillers!
- Close containers tightly after use.

FOR USE WITH

- A4174H Washprimer Active Thinner, 1:1.

COMPOSITION

Modified synthetic resins, pigments, fillers, functional and anticorrosive additives, and a blend of organic solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4174	**yellow**
Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445048704



Cleaning / surface preparation:
Clean and degrease the surfaces to be painted, blow off with air and remove dust with a tack cloth. Mask off areas not to be primed. We recommend A4190 Silicone Remover / Degreaser and/or A4189 Universal Anti-Static Cleaner.

Suitable substrates:
Steel, galvanised steel, stainless steel and aluminium.

Substrate / sanding:	
Steel	Dry sand: P120 —> P220

Mixing ratio*:		
Product	By volume	By weight
Primer	1	100
Etch primer activator	1	90

* No other thinners are required. After mixing, allow the material to stand for 10 minutes before application.

Application viscosity:	18–22 s at 20 °C, DIN Cup 4
Pot life:	at least 8 hours at 20 °C

Application equipment:		
Spray gun type	**Nozzle size, mm**	**Pressure, bar**
Medium pressure (e.g. RP, HTE, W)	1.3–1.6	2–3
Low pressure (e.g. HVLP, LPH)	1.3–1.6	2–2.2

Application:	1–2 coats

Flash-off / Intercoat Drying*:	5–10 min at 20 °C

* Flash-off time between coats depends on the spray booth air temperature, film thickness, air circulation and humidity.

Drying*:	
Temperature, °C	**Time, min**
20	30

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.

Dry film thickness:	8–12 µm per coat
Theoretical coverage:	1 l per 8–10 m^2 at 10 µm

Subsequent coats and coatings:	No sanding required.
Subsequent coatings: acrylic primers.	Do not overcoat with waterborne paints or use water during preparation. Do not apply polyester body fillers or epoxy primers!

Solids content*:	
By volume, %	**By weight, %**
20–23	22–28

* Solids content is stated for the undiluted material; the values will be lower after thinning.

Density, g/cm^3:
0.91–0.96

Equipment cleaning:
RFG, 648 and R-6 thinners.

VOC information:
765 g/l

A4175

2K EPOXY PRIMER FILLER 3:1

DESCRIPTION

A professional 2K epoxy primer for preparing ferrous and non-ferrous metals and glass fibre reinforced plastics for painting. Fills and levels damaged areas, provides excellent pore filling and reliable corrosion protection for metal components.
Excellent adhesion ensures a strong bond between the topcoat and the substrate. Sands easily, quickly producing an ideal surface free from pores, irregularities and sanding scratches.
Suitable substrates: polyester body fillers, aluminium, mild and stainless steel, wood, plywood and plastics.

Can be used as:

- an anticorrosive primer;
- a primer surfacer;
- a wet-on-wet primer.

APPLICATION

- Do not apply to existing thermoplastic coatings or etch primers!
- For best results, apply at temperatures of at least +10 °C.
- Before priming, clean, dry, degrease and dry sand the substrate with P80–P320 abrasive, depending on the substrate.
- Apply 1–3 wet coats.
- Intercoat Drying: 5–10 minutes at 20 °C.
- Subsequent coatings: acrylic primers, basecoats and 2K enamels.
- Dry sand with P320–P500 abrasive.
- Wet sand with P600–P1000 abrasive.
- Close containers tightly after use.

FOR USE WITH

- A4175H Hardener for 3:1 Epoxy Primer;
- A4175T Epoxy Thinner.

COMPOSITION

Epoxy resins, a blend of organic solvents, functional additives, colour and anticorrosive pigments, and fillers.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4175	**grey**
Volume:	900 ml
Pack size:	6 pcs
EAN-13:	4606445048735



Cleaning / surface preparation:

Clean* and degrease the surfaces to be painted, blow off with air and remove dust with a tack cloth. We recommend A4190 Silicone Remover / Degreaser and/or A4189 Universal Anti-Static Cleaner. Mask off areas not to be primed.
* If the surface was cleaned with a degreaser containing acidic components, remove the acidic chemicals before applying epoxy primer.

Suitable substrates:

Existing painted surfaces, steel, galvanised steel, zinc, aluminium, stainless steel, polyester body fillers, wood and plastics.

Substrate	Sanding
Steel	Dry sand with P120–P220
Aluminium	Dry sand or use a P320 abrasive pad
Polyester body fillers	Dry sand with P180–P280
Existing finish	Dry sand with P220–P320

Mixing ratio*:

Product	Sanding version		Wet-on-wet	
	By volume	By weight	By volume	By weight
Primer	100	100	100	100
Hardener	30	18	30	18
Thinner	20–30	20–30	30–40	30–40

* After mixing, allow the material to stand for 10 minutes before application. The thinner percentage is based on the mixed primer and hardener.

Mixed viscosity:

Sanding version	Wet-on-wet
25–30 s at 20 °C, DIN Cup 4	15–20 s at 20 °C, DIN Cup 4

Pot life:

Sanding version	Wet-on-wet
at least 180 min at 20 °C	at least 4 hours at 20 °C

Application equipment:

Spray gun type	Sanding version		Wet-on-wet	
	Nozzle size, mm	Pressure, bar	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.6–1.8	2.5–3.0	1.5–1.8	2.5–3.0
Low pressure (e.g. HVLP, LPH)	1.7–2.0	1.8–2.2	1.3–1.6	1.8–2.2

Application:

Sanding version	Wet-on-wet
1–3 coats	1–2 coats

Flash-off / Intercoat Drying*:

Sanding version	Wet-on-wet
10–15 min at 20 °C	15–25 minutes at 20 °C before overcoating

* Flash-off time between coats depends on the spray booth air temperature, film thickness, air circulation and humidity.

Drying*:

Temperature, °C	Time, min
20	240
60	30

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
To prevent solvent popping, allow 15 minutes before force drying at 60 °C.

Dry film thickness:

Sanding version	Wet-on-wet
50–60 µm per coat	30–40 µm per coat

Theoretical coverage:

Sanding version	Wet-on-wet
1 l per 6–7 m^2 at 50 µm	1 l per 10 m^2 at 30 µm

Subsequent coats and coatings:

Dry sanding	Wet sanding
P320–P400/P500	P600–P1000

Solids content*:

By weight, %	By volume, %
68–72	60–62

* Solids content is stated for the undiluted material; the values will be lower after thinning.

Density, g/cm^3:

1.5–1.6

Equipment cleaning:

Thinners for epoxy materials.

VOC information:

420 g/l

A4176 **A4076**

1K PLASTIC PRIMER. ADHESION PROMOTER



DESCRIPTION

A professional 1K plastic primer (adhesion promoter) for preparing exterior and interior parts made from all types of plastics used in automotive bumpers, wings, bonnets, trims and other plastic components for painting.
Provides excellent adhesion for a reliable bond between the paint coating and the plastic substrate.
Can be overcoated with all types of primers and enamels.
The distinctive sheen makes it easy to monitor the area covered and the thickness of the primer.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Before treatment, clean, dry and degrease the plastic substrate. For better adhesion, abrade with an abrasive suitable for plastics.
- Mask off areas not to be primed.
- Ready to use; no thinning required.
- Apply 1 wet coat.
- Drying time before overcoating: 20 min at +20 °C.
- Close the primer container tightly after use.

COMPOSITION

Modified synthetic resins, a blend of organic solvents and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A4176	**clear**	**A4076**	**clear**
Volume:	1000 ml	Volume:	500 ml
Pack size:	6 pcs	Pack size:	6 pcs
EAN-13:	4606445047646	EAN-13:	4606445050868



Cleaning / surface preparation:

Clean and wash the surface with water and a mild detergent, rinse and allow to dry. Degrease the surfaces to be painted. Mask off areas not to be primed. For better adhesion, abrade with an abrasive suitable for plastics. Clean and degrease the surfaces to be painted, blow off with air and remove dust with a tack cloth.

Suitable substrates:

All types of plastics used in automotive components, primarily PP/EPDM.



Mixing ratio*:

Ready to use; no thinning required.



Product viscosity:

9–13 s at 20 °C, DIN Cup 4



Application equipment:

Spray gun type	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.3–1.5	2.0–2.5
Low pressure (e.g. HVLP, LPH)	1.3–1.5	1.8–2.0



Application:

Stir the product before application.
Apply 1 wet coat.



Flash-off / Intercoat Drying*:

10–20 minutes at 20 °C before overcoating.

* Flash-off time depends on the spray booth air temperature, film thickness, air circulation and humidity.
Apply the next coating within 24 hours (at 20 °C). After more than 24 hours, abrade again with an abrasive suitable for plastics and reapply the primer.



Subsequent coats and coatings:

2K acrylic primers, basecoats and 2K enamels.

Dry film thickness:

10–15 µm

Theoretical coverage:

1 l per 10 m^2 at 10 µm

Equipment cleaning:

Solvents for acrylic materials.

VOC information:

860 g/l

A4171-1

FAST HS HIGH BUILD ACRYLIC FILLER 7:1

DESCRIPTION

A professional, tintable, fast-drying high-build acrylic primer for preparing ferrous and non-ferrous metal surfaces for painting. Provides reliable corrosion protection for metal components. Excellent adhesion ensures a strong bond between the topcoat and the substrate. Offers good pore filling and easy sanding, quickly producing an ideal surface free from pores, sanding scratches and irregularities. Suitable for priming sanded e-coat, polyester body fillers, steel, etch and epoxy primers, and existing finishes. Can be tinted with basecoats and overcoated with any basecoat or 2K enamel.

Can be used as:

- a high-build primer;
- a primer tintable with basecoats.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Before priming, clean, dry, degrease and dry sand the substrate with P80–P320 abrasive, depending on the substrate.
- Apply 2–3 wet coats.
- Intercoat Drying: 4–6 minutes at 20 °C.
- Subsequent coatings: any finishing system.
- Dry sand with P320–P500 abrasive.
- Wet sand with P600–P1000 abrasive.
- Close containers tightly after use.

FOR USE WITH

- A4171H Hardener for 7:1 Fast-Drying Acrylic High-Build Primer;
- A4191F Fast Universal Thinner (recommended), or A4191 Universal Thinner.

COMPOSITION

Hydroxyl-functional acrylic resins, a blend of solvents, pigments, fillers, anticorrosive and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4171-1	**grey**
Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445051032



Cleaning / surface preparation:

Clean and degrease the surfaces to be painted. Mask off areas not to be primed. We recommend A4190 Silicone Remover / Degreaser and/or A4189 Universal Anti-Static Cleaner (for plastic substrates).

Suitable substrates:

Sanded existing finishes or e-coat, polyester body fillers, steel, etch and epoxy primers.

Substrate	Sanding
Steel	Dry sand with P120–P220
E-coat	Dry sand or use a P320 abrasive pad
Polyester body fillers	Dry sand with P180–P280
Existing finish	Dry sand: P80–P180–P280

Clean and degrease the surfaces to be painted, blow off with air and remove dust with a tack cloth. Mask off areas not to be primed.

Mixing ratio*:

Product	By volume	By weight
Primer	100	100
Hardener	14	10
Thinner	max. 15	max. 15

* After mixing, allow the material to stand for 10 minutes before application. The thinner percentage is based on the mixed primer and hardener.

Product	Tintable sanding version	
	By volume	By weight
Primer	100	100
Basecoat	10	5–10
Hardener	14	10
Thinner	max. 15	max. 15

A4171-1 grey, A4171-2 white and A4171-3 black primers can be mixed together to obtain the required shade of grey.

Mixed viscosity:

25–30 s at 20 °C, DIN Cup 4

Pot life:

60 minutes

Application equipment:

Spray gun type	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.5–1.8	2–3
Low pressure (e.g. HVLP, LPH)	1.7–2.0	2–2.2

Application:

1–3 coats

Flash-off / Intercoat Drying*:

4–6 min at 20 °C

*Flash-off time between coats depends on the spray booth air temperature, film thickness, air circulation and humidity.

Drying*:

Temperature, °C	Time, min
20	60
60	30

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
To prevent solvent popping, allow 15 minutes before force drying at 60 °C.

Dry film thickness:

70–90 µm per coat

Theoretical coverage:

1 l per 6–7 m^2 at 50 µm

Subsequent coats and coatings:

Dry sanding	Wet sanding
P320–P400/P500	P600–P1000

Degrease the surfaces, blow off with air and remove dust with a tack cloth.

Any finishing system, 2K acrylic enamels or basecoats.

Solids content*:

By weight, %	By volume, %
66–68	50–62

* Solids content is stated for the undiluted material; the values will be lower after thinning.

Density, g/cm³:

1.40

Equipment cleaning:

Thinners for acrylic materials.

VOC information:

505–510 g/l

A4178-1 **A4178-2** **A4178-3**

ANTI-CORROSION ACRYLIC PRIMER 4:1

DESCRIPTION

A professional tintable acrylic primer for preparing ferrous and non-ferrous metal surfaces for painting.
Provides reliable corrosion protection for metal components. Excellent adhesion ensures a strong bond between the topcoat and the substrate. Offers good pore filling and easy sanding, quickly producing an ideal surface free from pores, sanding scratches and irregularities. Suitable for priming sanded e-coat, polyester body fillers, steel, etch and epoxy primers, and existing finishes. Can be tinted with basecoats and overcoated with any basecoat or 2K enamel.

Can be used as:

- a high-build primer (sanding version);
- a wet-on-wet primer (non-sanding version);
- a primer tintable with basecoats.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Before priming, clean, dry, degrease and dry sand the substrate with P80–P320 abrasive, depending on the substrate.
- Mask off areas not to be primed.
- Apply 1–3 wet coats.
- Intercoat Drying: 5 minutes at 20 °C.
- Subsequent coatings: any finishing system.
- Dry sand with P320–P500 abrasive. Wet sand with P600–P1000 abrasive.
- Close containers tightly after use.

FOR USE WITH

- A4178H Hardener for 4:1 Acrylic Primer;
- A4078HF, A4178HF Fast Hardener for 4:1 Acrylic Primer;
- A4178HS Slow Hardener for 4:1 Acrylic Primer;
- A4191 Universal Thinner.

COMPOSITION

Hydroxyl-functional acrylic resins, a blend of organic solvents, pigments, fillers, anticorrosive and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4178-1	**grey**	**A4178-2**	**white**	**A4178-3**	**black**
Volume:	1000 ml	Volume:	1000 ml	Volume:	1000 ml
Pack size:	6 pcs	Pack size:	6 pcs	Pack size:	6 pcs
EAN-13:	4606445047516	EAN-13:	4606445048803	EAN-13:	4606445048810



Cleaning / surface preparation:
Clean and degrease the surfaces to be painted. Mask off areas not to be primed. We recommend A4190 Silicone Remover / Degreaser and/or A4189 Universal Anti-Static Cleaner (for plastic substrates).

Suitable substrates:
Sanded existing finishes or e-coat, polyester body fillers, steel, etch and epoxy primers.

Substrate	Sanding
Steel	Dry sand with P120–P220
E-coat	Dry sand or use a P320 abrasive pad
Polyester body fillers	Dry sand with P180–P280
Existing finish	Dry sand: P80–P180–P280

Clean and degrease the surfaces to be painted, blow off with air and remove dust with a tack cloth. Mask off areas not to be primed.

Mixing ratio*:				
Product	Sanding version		Wet-on-wet	
	By volume	By weight	By volume	By weight
Primer	100	100	100	100
Hardener	25	17	25	17
Thinner	5–15	10–15	30–40	25–35

* After mixing, allow the material to stand for 10 minutes before application. The thinner percentage is based on the mixed primer and hardener.

Product	Tintable sanding version	
	By volume	By weight
Primer	100	100
Basecoat	10*	10
Hardener	25	17
Thinner	5–15	5–15

A4178-1 grey, A4178-2 white and A4178-3 black primers can be mixed together to obtain the required shade of grey.

Mixed viscosity:	
Sanding version	Wet-on-wet
16–18 s at 20 °C, DIN Cup 4	11–14 s at 20 °C, DIN Cup 4

Pot life:	
Sanding version	Wet-on-wet
at least 60 min at 20 °C	at least 3 hours at 20 °C

Application equipment:				
Spray gun type	Sanding version		Wet-on-wet	
	Nozzle size, mm	Pressure, bar	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.5–1.8	2–3	1.3–1.5	2–3
Low pressure (e.g. HVLP, LPH)	1.7–2.0	2–2.2	1.3–1.5	2–2.2

Application:	
Sanding version	Wet-on-wet
2–3 coats	1–2 coats

Flash-off / Intercoat Drying:	
Sanding version	Wet-on-wet
5–15 min at 20 °C	15–20 minutes at 20 °C before overcoating

Drying*:	
Temperature, °C	Time, min
20	90
60	20–30

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
To prevent solvent popping, allow 15 minutes before force drying at 60 °C.

Dry film thickness:	
Sanding version	Wet-on-wet
60–70 µm per coat	25–30 µm per coat

Theoretical coverage:	
Sanding version	Wet-on-wet
1 l per 6–7 m^2 at 50 µm	1 l per 10 m^2 at 30 µm

Subsequent coats and coatings:	
Dry sanding	Wet sanding
P320–P400/P500	P600–P1000

Degrease the surfaces, blow off with air and remove dust with a tack cloth.

Any finishing system, 2K acrylic enamels or basecoats.

Solids content:	
By weight, %	By volume, %
64–68	48–52

Density, g/cm^3:
1.35–1.40

Equipment cleaning:
Thinners for acrylic materials.

VOC information:
505–510 g/l

A4179-1 **A4179-2** **A4179-3**

HS HIGH BUILD ACRYLIC FILLER 4:1

DESCRIPTION

A professional tintable high-build acrylic primer with high filling capacity for preparing ferrous and non-ferrous metal surfaces for painting.
Provides reliable corrosion protection for metal components. Excellent adhesion ensures a strong bond between the topcoat and the substrate. Offers good pore filling and easy sanding, quickly producing an ideal surface free from pores, sanding scratches and irregularities. Suitable for priming sanded e-coat, polyester body fillers, steel, etch and epoxy primers, and existing finishes. Can be tinted with basecoats and overcoated with any basecoat or 2K enamel.

Can be used as:

- a high-build primer (sanding version);
- a wet-on-wet primer (non-sanding version);
- a primer tintable with basecoats.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Before priming, clean, dry, degrease and dry sand the substrate with P80–P320 abrasive, depending on the substrate.
- Mask off areas not to be primed.
- Apply 2–3 wet coats.
- Intercoat Drying: 10–20 minutes at 20 °C.
- Subsequent coatings: any finishing system.
- Dry sand with P320–P500 abrasive. Wet sand with P600–P1000 abrasive.
- Close containers tightly after use.

FOR USE WITH

- A4178H Hardener for 4:1 Acrylic Primer;
- A4078HF, A4178HF Fast Hardener for 4:1 Acrylic Primer;
- A4178HS Slow Hardener for 4:1 Acrylic Primer;
- A4191 Universal Thinner.

COMPOSITION

Hydroxyl-functional acrylic resins, a blend of organic solvents, pigments, fillers, anticorrosive and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4179-1	**grey**	**A4179-2**	**white**	**A4179-3**	**black**
Volume:	1000 ml	Volume:	1000 ml	Volume:	1000 ml
Pack size:	6 pcs	Pack size:	6 pcs	Pack size:	6 pcs
EAN-13:	4606445048698	EAN-13:	4606445052671	EAN-13:	4606445052688



Cleaning / surface preparation:
Clean and degrease the surfaces to be painted. Mask off areas not to be primed. We recommend A4190 Silicone Remover / Degreaser and/or A4189 Universal Anti-Static Cleaner (for plastic substrates).

Suitable substrates:
Sanded existing finishes or e-coat, polyester body fillers, steel, etch and epoxy primers.

Substrate	Sanding
Steel	Dry sand with P120–P220
E-coat	Dry sand or use a P320 abrasive pad
Polyester body fillers	Dry sand with P180–P280
Existing finish	Dry sand: P80–P180–P280

Clean and degrease the surfaces to be painted, blow off with air and remove dust with a tack cloth. Mask off areas not to be primed.

Mixing ratio*:				
Product	Sanding version		Wet-on-wet	
	By volume	By weight	By volume	By weight
Primer	100	100	100	100
Hardener	25	17	25	17
Thinner	10–20	10–20	15–30	15–30

* After mixing, allow the material to stand for 10 minutes before application. The thinner percentage is based on the mixed primer and hardener.

Product	Tintable sanding version	
	By volume	By weight
Primer	100	100
Basecoat	10	5–10
Hardener	25	17
Thinner	15–20	15–30

A4179-1 grey, A4179-2 white and A4179-3 black primers can be mixed together to obtain the required shade of grey.

Mixed viscosity:	
Sanding version	Wet-on-wet
25–30 s at 20 °C, DIN Cup 4	20–25 s at 20 °C, DIN Cup 4

Pot life:	
Sanding version	Wet-on-wet
at least 120 min at 20 °C	at least 12 hours at 20 °C

Application equipment:				
Spray gun type	Sanding version		Wet-on-wet	
	Nozzle size, mm	Pressure, bar	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.5–1.8	2–3	1.5–1.8	2–3
Low pressure (e.g. HVLP, LPH)	1.7–2.0	2–2.2	1.4–1.6	2–2.2

Application:	
Sanding version	Wet-on-wet
1–3 coats	1–2 coats

Flash-off / Intercoat Drying:	
Sanding version	Wet-on-wet
10–20 min at 20 °C	15–20 minutes at 20 °C before overcoating

Drying*:	
Temperature, °C	Time, min
20	120
60	30

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
To prevent solvent popping, allow 15 minutes before force drying at 60 °C.

Dry film thickness:	
Sanding version	Wet-on-wet
80–100 µm per coat	25–30 µm per coat

Theoretical coverage:	
Sanding version	Wet-on-wet
1 l per 6–7 m^2 at 50 µm	1 l per 10 m^2 at 30 µm

Subsequent coats and coatings:	
Dry sanding	Wet sanding
P320–P400/P500	P600–P1000

Degrease the surfaces, blow off with air and remove dust with a tack cloth.

Any finishing system, 2K acrylic enamels or basecoats.

Solids content:	
By weight, %	By volume, %
64–68	48–52

Density, g/cm^3:
1.35–1.40

Equipment cleaning:
Thinners for acrylic materials.

VOC information:
510 g/l

A4180-1 **A4180-2** **A4180-3** **NEW!**

FAST SANDING PRIMER FILLER 4:1

DESCRIPTION

A professional, fast-drying, flexible and easy-to-sand acrylic primer surfacer for preparing ferrous and non-ferrous metal surfaces for painting. Provides reliable corrosion protection for metal components. Excellent adhesion ensures a strong bond between the topcoat and the substrate. Offers good pore filling and easy sanding, quickly producing an ideal surface free from pores, sanding scratches and irregularities. Suitable for priming sanded e-coat, polyester body fillers, steel, etch and epoxy primers, and existing finishes. Can be tinted with basecoats and overcoated with any basecoat or 2K enamel.

Can be used as:

- a high-build primer;
- a primer tintable with basecoats.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Before priming, clean, dry, degrease and dry sand the substrate with P80–P320 abrasive, depending on the substrate.
- Mask off areas not to be primed.
- Apply 1–3 wet coats.
- Intercoat Drying: 5 minutes at 20 °C.
- Subsequent coatings: any finishing system.
- Dry sand with P320–P500 abrasive. Wet sand with P600–P1000 abrasive.
- Close containers tightly after use.

FOR USE WITH

- A4180H Hardener for 4:1 Sandable Acrylic Primer Surfacer;
- A4191, A4191F Universal Thinner.

COMPOSITION

Hydroxyl-functional acrylic resins, a blend of solvents, pigments, fillers, anticorrosive and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4180-1	**grey**	**A4180-2**	**white**	**A4180-3**	**black**
Volume:	1000 ml	Volume:	1000 ml	Volume:	1000 ml
Pack size:	6 pcs	Pack size:	6 pcs	Pack size:	6 pcs
EAN-13:	4606445054781	EAN-13:	4606445056280	EAN-13:	4606445056297



Cleaning / surface preparation:

Clean and degrease the surfaces to be painted. Mask off areas not to be primed. We recommend A4190 Silicone Remover / Degreaser
and/or A4189 Universal Anti-Static Cleaner (for plastic substrates).

Suitable substrates:

Sanded existing finishes or e-coat, polyester body fillers, steel,
etch and epoxy primers.

Substrate	Sanding
Steel	Dry sand with P120–P220
E-coat	Dry sand or use a P320 abrasive pad
Polyester body fillers	Dry sand with P180–P280
Existing finish	Dry sand: P80–P180–P280

Clean and degrease the surfaces to be painted, blow off with air and remove dust with a tack cloth. Mask off areas not to be primed.

Mixing ratio*:

Product	By volume	By weight
Primer	100	100
Hardener	25	17
Thinner	0–15	0–15

* After mixing, allow the material to stand for 10 minutes before application. The thinner percentage is based on the mixed primer and hardener.

Product	Tintable sanding version	
	By volume	By weight
Primer	100	100
Basecoat	10*	10
Hardener	25	17
Thinner	0–15	0–15

A4180-1 grey, A4180-2 white and A4180-3 black primers can be mixed together to obtain the required shade of grey.

Mixed viscosity:

16–18 s at 20 °C, DIN Cup 4

Pot life:

at least 60 min at 20 °C

Application equipment:

Spray gun type	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.5–1.8	2–3
Low pressure (e.g. HVLP, LPH)	1.7–2.0	2–2.2

Application:

2–3 coats

Flash-off / Intercoat Drying*:

4–10 min at 20 °C

*Flash-off time between coats depends on the spray booth air temperature, film thickness, air circulation and humidity.

Drying*:

Temperature, °C	Time, min
20	90
60	20–30

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
To prevent solvent popping, allow 15 minutes before force drying at 60 °C.

Dry film thickness:

60–70 µm per coat

Theoretical coverage:

1 l per 6–7 m^2 at 50 µm

Subsequent coats and coatings:

Dry sanding	Wet sanding
P320–P400/P500	P600–P1000

Degrease the surfaces, blow off with air and remove dust with a tack cloth.

Any finishing system, 2K acrylic enamels or basecoats.

Solids content*:

By weight, %	By volume, %
64–68	48–52

* Solids content is stated for the undiluted material; the values will be lower after thinning.

Density, g/cm^3:

1.35–1.40

Equipment cleaning:

Thinners for acrylic materials.

VOC information:

505–510 g/l

A4182-1 **NEW!**

ULTRA PRIMER SURFACER, 4:1

DESCRIPTION

A professional, fast-drying, easy-to-sand acrylic primer surfacer for preparing ferrous and non-ferrous metal surfaces for painting. Provides reliable corrosion protection for metal components. Excellent adhesion ensures a strong bond between the topcoat and the substrate. Offers good pore filling and easy sanding, quickly producing an ideal surface free from pores, sanding scratches and irregularities. Suitable for priming sanded e-coat, polyester body fillers, steel, etch and epoxy primers, and existing finishes. Can be tinted with basecoats and overcoated with any basecoat or 2K enamel.

Can be used as:

- a high-build primer (sanding version),
- a wet-on-wet primer (non-sanding version),
- a primer tintable with basecoats.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Before priming, clean, dry, degrease and dry sand the substrate with P80–P320 abrasive, depending on the substrate.
- Mask off areas not to be primed.
- Apply 1–3 wet coats.
- Intercoat Drying: 5–10 minutes at 20 °C.
- Subsequent coatings: any finishing system.
- Dry sand with P320–P500 abrasive. Wet sand with P600–P1000 abrasive.
- Close containers tightly after use.

FOR USE WITH

- A4182H Hardener for 4:1 ULTRA Acrylic Primer Surfacer;
- A4191, A4191F Universal Thinner.

COMPOSITION

Hydroxyl-functional acrylic resins, a blend of solvents, pigments, fillers, anticorrosive and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4182-1	**grey**
Volume:	800 ml
Pack size:	6 pcs
EAN-13:	4606445061673



Cleaning / surface preparation:

Clean and degrease the surfaces to be painted. Mask off areas not to be primed. We recommend A4190 Silicone Remover / Degreaser
and/or A4189 Universal Anti-Static Cleaner (for plastic substrates).

Suitable substrates:

Sanded existing finishes or e-coat, polyester body fillers, steel,
etch and epoxy primers.

Substrate	Sanding
Steel	Dry sand with P120–P220
E-coat	Dry sand or use a P320 abrasive pad
Polyester body fillers	Dry sand with P180–P280
Existing finish	Dry sand: P80–P180–P280

Clean and degrease the surfaces to be painted, blow off with air and remove dust with a tack cloth. Mask off areas not to be primed.

Mixing ratio*:

Product	Sanding version		Wet-on-wet	
	By volume	By weight	By volume	By weight
Primer	100	100	100	100
Hardener	25	15	25	15
Thinner	10–20	10–20	15–25	15–25

* After mixing, allow the material to stand for 10 minutes before application. The thinner percentage is based on the mixed primer and hardener.

Product	Tintable sanding version	
	By volume	By weight
Primer	100	100
Basecoat	10*	10
Hardener	25	17
Thinner	10–20	10–20

*Up to 10 % basecoat may be added.

Mixed viscosity:

25–30 s at 20 °C, DIN Cup 4

Pot life:

at least 120 min at 20 °C

Application equipment:

Spray gun type	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.5–1.8	2–3
Low pressure (e.g. HVLP, LPH)	1.7–2.0	2–2.2

Application:

1–3 coats

Flash-off / Intercoat Drying*:

5–10 min at 20 °C

*Flash-off time between coats depends on the spray booth air temperature, film thickness, air circulation and humidity.

Drying*:

Temperature, °C	Time, min
20	60
60	30

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
To prevent solvent popping, allow 15 minutes before force drying at 60 °C.

Dry film thickness:

50–70 µm per coat

Theoretical coverage:

1 l per 6–7 m^2 at 50 µm

Subsequent coats and coatings:

Dry sanding	Wet sanding
P320–P400/P500	P600–P1000

Degrease the surfaces, blow off with air and remove dust with a tack cloth.

Any finishing system, 2K acrylic enamels or basecoats.

Solids content*:

By weight, %	By volume, %
74–77	59–63

* Solids content is stated for the undiluted material; the values will be lower after thinning.

Density, g/cm^3:

1.58–1.60

Equipment cleaning:

Thinners for acrylic materials.

VOC information:

400 g/l

A4151

ACRYLIC BASECOAT MATT BLACK 1K

DESCRIPTION

A one-component matt black acrylic refinishing enamel for painting previously primed surfaces such as vehicle sills, door frames, mirror housings and wiper components, and for customising and painting accessories and other fittings.
Weather-resistant; suitable for interior and exterior use.
Can be used as an automotive basecoat in a two-coat basecoat/clear coat system. May be overcoated with clear coat to achieve the required gloss level.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Before painting, clean, dry, degrease and prime the surface. Dry sand with P320–P400 and P500–P600 abrasive, then remove dust and degrease.
- Adjust to the required viscosity if necessary.
- Use universal thinners for acrylic paints or basecoats.
- Apply 2–3 coats.
- Intercoat Drying: 5 minutes at 20 °C.
- Subsequent coatings: clear coat may be applied to achieve the required gloss level.
- Close containers tightly after use.

FOR USE WITH

- A4194, A4194S Basecoat Thinner;
  or A4191, A4191F Universal Thinner.

COMPOSITION

Acrylic copolymers, pigments, fillers, functional additives and organic solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4151	**black**
Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445055047



Suitable substrates:

Metal and plastic surfaces previously primed with acrylic or polyurethane primers



Cleaning / surface preparation:

To prevent dirt inclusions, remove dust and wipe the substrate with a tack cloth before applying the enamel.



Mixing ratio*:

Adjust to the required viscosity if necessary.



Mixed viscosity:

16–25 s at 20 °C, DIN Cup 4



Application equipment:

Spray gun type	Nozzle size, mm	Pressure, bar
Low pressure (e.g. HVLP, LPH)	1.2–1.5	1.8–2.0



Application:

2–3 coats



Flash-off / Intercoat Drying*:

5 min at 20 °C



Drying*:

Temperature, °C	Time, min
20	60
20	10–20**
60	30

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
** In a basecoat/clear coat system, before applying clear coat.



Subsequent coats and coatings:

Acrylic basecoats, acrylic and polyurethane clear coats.

Dry film thickness:

15–25 µm

Theoretical coverage:

1 l per 7–8 m^2

Density, g/cm^3:

1.1

Equipment cleaning:

Solvents for acrylic materials.

VOC information:

495 g/l

A4155

NEW!

BASECOAT BINDER



DESCRIPTION

An automotive basecoat binder for formulating automotive basecoats, including metallic and pearlescent effects. Used in two- and three-coat paint systems and for blending repairs.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Adjust to the required viscosity if necessary.
- Use universal thinners for basecoats.
- Apply 2–3 coats.
- Intercoat Drying: 5 minutes at 20 °C.
- Close containers tightly after use.

Important! When combining the binder with basecoats from other manufacturers, always check compatibility. Mix a small quantity of the components in a separate container before starting work.

FOR USE WITH

- A4194, A4194S Basecoat Thinner.

COMPOSITION

Polyester resins, functional additives and solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4155

Volume:	1000 ml
Pack size:	6 pcs

Suitable substrates:

Cleaned and sanded existing coatings, or surfaces previously primed with acrylic or polyurethane primers.



Cleaning / surface preparation:

Degrease the previously primed and sanded surface.



Mixing ratio*:

Adjust to the required viscosity if necessary.



Mixed viscosity:

16–25 s at 20 °C, DIN Cup 4



Application equipment:

Spray gun type	Nozzle size, mm	Pressure, bar
Low pressure (e.g. HVLP, LPH)	1.2–1.5	1.8–2.0



Application:

2–3 coats



Flash-off / Intercoat Drying*:

5 min at 20 °C



Drying*:

Temperature, °C	Time, min
20	50
20	15–20**
60	25

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
** In a basecoat/clear coat system, before applying clear coat.



Subsequent coats and coatings:

Automotive basecoat and automotive clear coat.

Dry film thickness:

15–25 µm

Theoretical coverage:

1 l per 5–6 m^2

Density, g/cm^3:

0.94

Equipment cleaning:

R-648 and R-5 solvents, acetone.

VOC information:

460–470 g/l

A4486 **A4186** **A4086**

2:1 HS ACRYLIC CLEARCOAT



DESCRIPTION

A professional high-gloss, high-solids acrylic clear coat for 1.5-coat application, designed to provide a final finish over basecoats when refinishing vehicle bodywork and other components. Forms a high-gloss protective coating with excellent adhesion to the substrate, enhanced weather and UV resistance, and resistance to mechanical damage and abrasion.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Mask off areas not to be painted.
- Apply 1.5–2 full coats.
- Intercoat Drying: 5 minutes at 20 °C.
- If necessary, sand with P1500–P2000 abrasive.
- Polish the surface with a cutting compound to achieve the required gloss.
- Close containers tightly after use.

FOR USE WITH

- A4186H Hardener for 2:1 HS Clearcoat;
- A4191 Universal Thinner.

COMPOSITION

Hydroxyl-functional acrylic resins, a blend of organic solvents and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4486		**A4186**		**A4086**	
Volume:	4 l	Volume:	1000 ml	Volume:	500 ml
EAN-13:	4606445050806	Pack size:	6 pcs	Pack size:	6 pcs
		EAN-13:	4606445048674	EAN-13:	4606445050875



Cleaning / surface preparation:

To prevent dirt inclusions, wipe the basecoat with a tack cloth before applying clear coat.

Suitable substrates:

Basecoats and suitably prepared finishes.



Mixing ratio*:

Product	By volume	By weight
Clear coat	100	100
Hardener	50	48
Thinner	5–15	3–15

* After mixing, allow the material to stand for 10 minutes before application. The thinner percentage is based on the mixed clear coat and hardener.



Mixed viscosity:

15–20 s at 20 °C, DIN Cup 4



Pot life:

at least 120 min at 20 °C



Application equipment:

Spray gun type	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.5–1.8	2–3
Low pressure (e.g. HVLP, LPH)	1.3–1.5	2–2.2



Application:

1.5–2 coats

* For 1.5-coat application, apply a light mist coat to promote adhesion, allow to flash off, then apply one full gloss coat.



Flash-off / Intercoat Drying*:

3–5 min at 20 °C

* Flash-off time between coats depends on the spray booth air temperature, film thickness, air circulation and humidity.



Drying*:

Temperature, °C	Time
20	7 hours
60	30–40 min

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
To prevent solvent popping, allow 15 minutes before force drying at 60 °C.

Dry film thickness:

50–60 µm

Theoretical coverage:

1 l per 6–7 m^2 at 50 µm



Polishing:

If necessary, sand with P1500–P3000 abrasive.
Polish the surface with a cutting compound to achieve the required gloss.

Solids content*:

By weight, %	By volume, %
59–62	53–56

* Solids content is stated for the undiluted material; the values will be lower after thinning.

Density, g/cm^3:

1.0

Equipment cleaning:

Thinners for acrylic materials.

VOC information:

445 g/l

A42085 **A4185**

2:1 ACRYLIC CLEARCOAT



DESCRIPTION

A high-quality professional acrylic clear coat designed to provide a final finish over basecoats when refinishing vehicle bodywork and other components.
Forms a high-gloss protective coating with excellent adhesion to the substrate, enhanced weather and UV resistance, and resistance to mechanical damage and abrasion.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Mask off areas not to be painted.
- Apply 2 full coats.
- Intercoat Drying: 5 minutes at 20 °C.
- If necessary, sand with P1500–P2000 abrasive.
- Polish the surface with a cutting compound to achieve the required gloss.
- Close containers tightly after use.

FOR USE WITH

- A42085H, A4185H Hardener for 2:1 MS Clearcoat;
- A4191 Universal Thinner.

COMPOSITION

Hydroxyl-functional acrylic resins, a blend of organic solvents and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A42085		**A4185**	
Volume:	20 l	Volume:	1000 ml
EAN-13:	4606445052510	Pack size:	6 pcs
		EAN-13:	4606445047622



Cleaning / surface preparation:

To prevent dirt inclusions, wipe the basecoat with a tack cloth before applying clear coat.

Suitable substrates:

Basecoats and suitably prepared finishes.



Mixing ratio*:

Product	By volume	By weight
Clear coat	100	100
Hardener	50	48
Thinner	5–15	5–14

* After mixing, allow the material to stand for 10 minutes before application. The thinner percentage is based on the mixed clear coat and hardener.



Mixed viscosity:

13–16 s at 20 °C, DIN Cup 4



Pot life:

At least 120 min at 20 °C



Application equipment:

Spray gun type	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.3–1.5	2–4
Low pressure (e.g. HVLP, LPH)	1.3–1.5	2–2.2



Application:

2 coats



Flash-off / Intercoat Drying*:

10–15 min at 20 °C

* Flash-off time between coats depends on the spray booth air temperature, film thickness, air circulation and humidity.



Drying*:

Temperature, °C	Time, min
20	180
60	20–30

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
To prevent solvent popping, allow 15 minutes before force drying at 60 °C.

Dry film thickness:

50–60 µm

Theoretical coverage:

1 l per 5–6 m^2 at 50 µm



Polishing:

If necessary, sand with P1500–P2000 abrasive. Polish the surface with a cutting compound to achieve the required gloss.

Solids content*:

By weight, %	By volume, %
43–47	38–40

* Solids content is stated for the undiluted material; the values will be lower after thinning.

Density, g/cm^3:

1.0

Equipment cleaning:

Thinners for acrylic materials.

VOC information:

495 g/l

A4184

NEW!

2:1 FAST ACRYLIC CLEARCOAT



DESCRIPTION

A high-quality professional acrylic clear coat designed to provide a final finish over basecoats when refinishing vehicle bodywork and other components.
Forms a high-gloss protective coating with excellent adhesion to the substrate, enhanced weather and UV resistance, and resistance to mechanical damage and abrasion.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Mask off areas not to be painted.
- Apply 2 full coats.
- Intercoat Drying: 5 minutes at 20 °C.
- If necessary, sand with P1500–P2000 abrasive.
- Polish the surface with a cutting compound to achieve the required gloss.
- Close containers tightly after use.

FOR USE WITH

- A4184H Hardener for 2:1 Fast Acrylic Clearcoat;
- A4191 Universal Thinner.

COMPOSITION

Hydroxyl-functional acrylic resins, a blend of organic solvents and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4184

Volume:	1000 ml
Pack size:	6 pcs

Cleaning / surface preparation:

To prevent dirt inclusions, wipe the basecoat with a tack cloth before applying clear coat.

Suitable substrates:

Basecoats and suitably prepared finishes.

Mixing ratio*:

Product	By volume	By weight
Clear coat	100	100
Hardener	50	49
Thinner	0–5	0–5

* After mixing, allow the material to stand for 10 minutes before application.

Mixed viscosity:

14–16 s at 20 °C, DIN Cup 4

Pot life:

90 min at 20 °C

Application equipment:

Spray gun type	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.3–1.5	2–4
Low pressure (e.g. HVLP, LPH)	1.3–1.5	2–2.2

Application:

2 coats

Flash-off / Intercoat Drying*:

10–15 min at 20 °C

* Flash-off time between coats depends on the spray booth air temperature, film thickness, air circulation and humidity.

Drying*:

Temperature, °C	Time, min
20	90
60	20–30

* Drying time depends on the spray booth air temperature, film thickness, air circulation and humidity. The temperature stated is the substrate temperature.
To prevent solvent popping, allow 15 minutes before force drying at 60 °C.

Dry film thickness:

40–50 µm

Theoretical coverage:

1 l per 5–6 m^2 at 50 µm

Polishing:

If necessary, sand with P1500–P2000 abrasive.
Polish the surface with a cutting compound to achieve the required gloss.

Solids content*:

By weight, %	By volume, %
43–47	38–40

* Solids content is stated for the undiluted material; the values will be lower after thinning.

Density, g/cm^3:

0.95–1.0

Equipment cleaning:

Thinners for acrylic materials.

VOC information:

520 g/l

A4174H **A4074H**

NEW!

WASHPRIMER ACTIVE THINNER 1:1



APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4174 Wash Primer, 1:1.

COMPOSITION

Phosphoric acid and a blend of solvents.

VOC: 790 g/l

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4174H		**A4074H**	
Volume:	1000 ml	Volume:	500 ml
Pack size:	6 pcs	Pack size:	6 pcs
EAN-13:	4606445048766	EAN-13:	4606445056679



A4175H

HARDENER FOR 3:1 EPOXY PRIMER

APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4175 Epoxy Primer Filler, 3:1;
- A4175T Epoxy Thinner.

COMPOSITION

A blend of amine hardeners in organic solvents.

VOC: 490 g/l

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A4175H

Volume:	300 ml
Pack size:	6 pcs
EAN-13:	4606445048742

A4171H

HARDENER FOR 7:1
FAST-DRYING ACRYLIC HIGH-BUILD PRIMER



APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4171-1 Fast HS High Build Acrylic Filler 7:1.

COMPOSITION

Aliphatic polyisocyanate and a blend of solvents.

VOC: 505–510 g/l

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A4171H

Volume:	145 ml
Pack size:	6 pcs
EAN-13:	4606445051049

A4178H

HARDENER FOR 4:1 ACRYLIC PRIMER



APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4178-1/2/3 Anti-Corrosion Acrylic Primer 4:1;
- A4179-1 HS High Build Acrylic Filler 4:1.

COMPOSITION

Aliphatic polyisocyanate and a blend of solvents.

VOC: 595 g/l

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A4178H

Volume:	250 ml
Pack size:	6 pcs
EAN-13:	4606445047912

A4078HF **A4178HF**

FAST HARDENER FOR 4:1 ACRYLIC PRIMER



DESCRIPTION

Fast Hardener for 4:1 Acrylic Primer, is mixed with 2K acrylic primers. It participates in polymerisation, reduces drying time and produces a strong coating at low temperatures.

APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4178-1/2/3 Anti-Corrosion Acrylic Primer 4:1;
- A4179-1 HS High Build Acrylic Filler 4:1.

COMPOSITION

Aliphatic polyisocyanate and a blend of solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A4078HF		**A4178HF**	
Volume:	500 ml	Volume:	250 ml
Pack size:	6 pcs	Pack size:	6 pcs
EAN-13:	4606445051001	EAN-13:	4606445052503

A4178HS

SLOW HARDENER FOR 4:1 ACRYLIC PRIMER



DESCRIPTION

Slow Hardener for 4:1 Acrylic Primer, is mixed with 2K acrylic primers. It participates in polymerisation, extends primer drying time to provide a convenient application window, and produces a strong coating free from defects, pores and craters.
For use at elevated temperatures of +25 °C and above.

APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +25 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4178-1/2/3 Anti-Corrosion Acrylic Primer 4:1;
- A4179-1 HS High Build Acrylic Filler 4:1.

COMPOSITION

Aliphatic polyisocyanate and a blend of solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A4178HS

Volume:	250 ml
Pack size:	6 pcs
EAN-13:	4606445054194

A4180H

HARDENER FOR 4:1
SANDABLE ACRYLIC PRIMER SURFACER



APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4180-1/2/3 Fast Sanding Primer Filler 4:1.

COMPOSITION

Aliphatic polyisocyanate and a blend of solvents.

VOC: 595 g/l

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A4180H

Volume:	250 ml
Pack size:	6 pcs
EAN-13:	4606445054774

A4182H

HARDENER FOR 4:1
ULTRA ACRYLIC PRIMER SURFACER



APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4182-1 ULTRA Acrylic Primer Surfacer, 4:1.

COMPOSITION

Aliphatic polyisocyanate and a blend of solvents.

VOC: 595 g/l

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A4182H

Volume:	200 ml
Pack size:	6 pcs
EAN-13:	4606445061680

A42085H **A4185H**

HARDENER FOR 2:1 MS CLEARCOAT



APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A42085, A4185 2:1 Acrylic Clearcoat.

COMPOSITION

Aliphatic polyisocyanate and a blend of solvents.

VOC: 485 g/l

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A42085H		**A4185H**	
Volume:	4.5 l	Volume:	500 ml
EAN-13:	4606445052497	Pack size:	6 pcs
		EAN-13:	4606445047929



A4184H

HARDENER FOR 2:1 FAST ACRYLIC CLEARCOAT

APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4184 2:1 Fast Acrylic Clearcoat.

COMPOSITION

Aliphatic polyisocyanate and a blend of solvents.

VOC: 485 g/l

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A4184H

Volume:	500 ml
Pack size:	6 pcs

A4486H **A4186H** **A4086H**

HARDENER FOR 2:1 HS CLEARCOAT



APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4486, A4186, A4086 2:1 HS Acrylic Clearcoat.

COMPOSITION

Aliphatic polyisocyanate and a blend of solvents.

VOC: 410 g/l

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A4486H		**A4186H**		**A4086H**	
Volume:	2 l	Volume:	500 ml	Volume:	250 ml
EAN-13:	4606445050813	Pack size:	6 pcs	Pack size:	6 pcs
		EAN-13:	4606445048681	EAN-13:	4606445050882

A4086HF

FAST HARDENER FOR 2:1 ACRYLIC CLEARCOAT



DESCRIPTION

Fast Hardener for 2:1 Acrylic Clearcoat, is mixed with 2K acrylic clear coats. It participates in polymerisation, reduces drying time and produces a strong coating at low temperatures.

APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Observe the mixing ratios.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- A4486, A4186, A4086 2:1 HS Acrylic Clearcoat.

COMPOSITION

Aliphatic polyisocyanate and a blend of solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 18 months.**

A4086HF

Volume:	500 ml
Pack size:	6 pcs
EAN-13:	4606445052473

A4175T

EPOXY THINNER



DESCRIPTION

For thinning epoxy materials.
Provides the optimum viscosity of the ready-to-use mixture.
Can be used as:
- a thinner for 2K epoxy materials;
- a solvent for cleaning and flushing equipment.

APPLICATION

- Ready to use.
- Do not use with 2K polyurethane materials.
- For best results, apply at temperatures of at least +10 °C.
- Close containers tightly after use.

FOR USE WITH

- A4175 Epoxy Primer Filler, 3:1;
- A4175H Hardener for 3:1 Epoxy Primer.

COMPOSITION

A blend of organic solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A4175T

Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445048667



A4591 **A4191**

UNIVERSAL THINNER

DESCRIPTION

Universal Thinner is used to thin 2K acrylic primers, primer enamels, enamels and clear coats. Provides the optimum viscosity of the ready-to-use mixture.

APPLICATION

- Ready to use.
- For best results, apply at +18 °C to +24 °C.
- Observe the mixing ratios.
- Close containers tightly after use.
- Protect from moisture.

FOR USE WITH

- All acrylic paints and coatings.

COMPOSITION

A blend of organic solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A4591		**A4191**	
Volume:	5 l	Volume:	1000 ml
EAN-13:	4606445052480	Pack size:	6 pcs
		EAN-13:	4606445047660

A4191F

FAST
UNIVERSAL THINNER



DESCRIPTION

Fast Universal Thinner is used to thin 2K acrylic primers, primer enamels, enamels and clear coats. Reduces drying time at temperatures below +18 °C and ensures even drying at low ambient temperatures.
Provides the optimum viscosity of the ready-to-use mixture.

APPLICATION

- Ready to use.
- For best results, apply at +10 °C to +18 °C.
- Close containers tightly after use.

COMPOSITION

A blend of organic solvents.

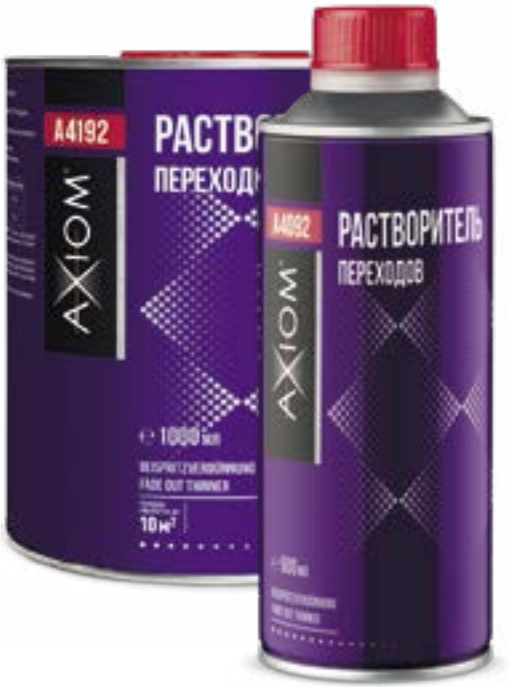
STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A4191F

Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445050998



A4192 **A4092**

FADE-OUT THINNER

DESCRIPTION

A professional product for high-quality local paint repairs using the blending technique. Reduces visible differences in colour and gloss at the transition between the existing coating and a newly applied enamel or clear coat repair. Promotes uniform paint distribution and eliminates overspray. Effective both for local repairs using a two-stage basecoat/clear coat system and for painting with any acrylic enamel.

APPLICATION

Suitable substrates:
Basecoats, acrylic enamels and clear coats.

Mixing ratio
Ready to use; no thinning required.

Product viscosity
13–16 s at 20 °C, DIN Cup 4

Application equipment:		
Spray gun type	Nozzle size, mm	Pressure, bar
Medium pressure (e.g. RP, HTE, W)	1.3–1.4	2.0–2.5
Low pressure (e.g. HVLP, LPH)	1.3–1.4	1.8–2.0

Application
Shake before use. Apply 2–3 thin coats from 15–20 cm to the overspray area or transition between the existing and new coatings, before the coating has fully cured. Repeat application if the product dries. Visually check the levelling of the blend edge or removal of overspray. Stop applying Fade-Out Thinner once the required result is achieved.

Polishing
After drying, polish the blend area if necessary. Sand with P1500–P2000 abrasive. Polish the surface with a cutting compound to achieve the required gloss.

Theoretical coverage:
1 l per 10 m²

Equipment cleaning:
Solvents for acrylic materials.

COMPOSITION

Modified synthetic resins, a blend of petroleum solvents and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A4192

Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445047677

A4092

Volume:	500 ml
Pack size:	6 pcs
EAN-13:	4606445050851

A4194

BASECOAT THINNER



DESCRIPTION

For thinning metallic basecoats in two- and three-coat paint systems. Provides the optimum viscosity of the ready-to-use mixture.
Can be used to thin acrylic primers, primer enamels, enamels and clear coats.
For best results, apply at +18 °C to +24 °C.

APPLICATION

Ready to use.

COMPOSITION

A blend of organic solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A4194

Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445054156

A4194S

SLOW BASECOAT THINNER



DESCRIPTION

For thinning metallic basecoats in two- and three-coat paint systems when painting large surfaces and/or at ambient temperatures above +25 °C.
Provides optimum mixed viscosity, even drying and correct metallic flake orientation, preventing mottling.
Can be used to thin acrylic primers, primer enamels, enamels and clear coats.

APPLICATION

Ready to use.

COMPOSITION

A blend of organic solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A4194S

Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445054163

A4188

NEW!

WATER/ALCOHOL-BASED DEGREASER



DESCRIPTION

A professional water-based cleaner with an antistatic effect for cleaning and degreasing plastic surfaces, removing salt deposits and water-soluble contaminants. Highly effective at eliminating static charge from parts to be painted. Its neutral formulation can also be used on freshly painted and thermoplastic surfaces. Dries quickly without streaks.
Extends the service life of subsequent paint coatings by providing the necessary adhesion to the substrate and helping to produce a uniform finish free from craters and wrinkles.
Its antistatic properties help prevent further contamination. Compatible with most plastics.

APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Apply the cleaner to the surface and/or a wiping cloth.
- Clean the substrate, then wipe with a clean, soft, dry, lint-free cloth.
- Repeat if necessary.
- Close containers tightly after use.
- Suitable substrates: metal and plastic.
- Theoretical coverage: 1 l per 10 m^2.

COMPOSITION

Treated water, isopropyl alcohol and functional additives.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 3 years.**

A4188

Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445055566

A4189

UNIVERSAL ANTI-STATIC CLEANER



DESCRIPTION

A professional antistatic cleaner based on mild solvents for cleaning and degreasing metal and plastic vehicle parts before painting. Extends the service life of subsequent paint coatings by providing the necessary adhesion to the substrate and helping to produce a uniform finish free from craters and wrinkles. The active ingredients effectively remove silicone, oil, grease, lubricants, wax, dirt and carbon deposits. Its antistatic properties help prevent further contamination. Compatible with most plastics.

APPLICATION

- Ready to use.
- Before use, test the cleaner for compatibility with the plastic to be cleaned, especially coloured plastic.
- For best results, apply at temperatures of at least +10 °C.
- Apply the degreaser to the surface and/or a wiping cloth.
- Clean the substrate, then wipe with a clean, soft, dry, lint-free cloth.
- Repeat if necessary.
- Close containers tightly after use.
- Suitable substrates: metal and plastic.
- Theoretical coverage: 1 l per 10 m^2.

COMPOSITION

Aliphatic hydrocarbons >30%, naphthenic hydrocarbons >30%, functional additives <5%.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Shelf life: 2 years.

A4189

Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445048711

A4190S

SLOW SILICONE REMOVER / DEGREASER



DESCRIPTION

A high-quality formulation based on mild solvents for cleaning and degreasing metal and plastic parts before painting. Extends the service life of subsequent paint coatings by providing the necessary adhesion to the substrate and helping to produce a uniform finish free from craters and wrinkles. The active ingredients effectively remove stubborn contaminants, including silicone, grease, oil, lubricants, wax, dirt and carbon deposits. Evaporates slowly at high temperatures.

APPLICATION

- Ready to use.
- Apply the degreaser to the surface and/or a wiping cloth.
- Clean the substrate, then wipe with a clean, soft, dry, lint-free cloth. Repeat if necessary.
- Suitable substrates: metal and plastic.
- Theoretical coverage: 1 l per 10 m^2.

Warning!
Not intended for removing any cured silicone sealants.

COMPOSITION

A blend of organic solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A4190S

Volume:	1000 ml
Pack size:	6 pcs
EAN-13:	4606445054170



A4590 **A4190**

SILICONE REMOVER / DEGREASER

DESCRIPTION

A high-quality formulation based on mild solvents for cleaning and degreasing metal and plastic parts before painting. Extends the service life of subsequent paint coatings by providing the necessary adhesion to the substrate and helping to produce a uniform finish free from craters and wrinkles. The active ingredients effectively remove silicone, oil, grease, lubricants, wax, dirt and carbon deposits.

APPLICATION

- Ready to use.
- For best results, apply at temperatures of at least +10 °C.
- Apply the degreaser to the surface and/or a wiping cloth.
- Clean the substrate, then wipe with a clean, soft, dry, lint-free cloth.
- Repeat if necessary.
- Close containers tightly after use.
- Suitable substrates: metal and plastic.
- Theoretical coverage: 1 l per 10 m^2.

Warning!
Not intended for removing any cured silicone sealants.

COMPOSITION

A blend of organic solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A4590		**A4190**	
Volume:	5 l	Volume:	1000 ml
EAN-13:	4606445049237	Pack size:	6 pcs
		EAN-13:	4606445047653

A4093

NEW!

DRYING ACCELERATING AGENT FOR ACRYLIC REFINISH COATINGS



DESCRIPTION

Drying Accelerating Agent for Acrylic Refinish Coatings reduces the drying time of 2K acrylic primers, primer enamels, enamels and clear coats.

APPLICATION

- Ready to use.
- Add immediately before applying the coating.
- Observe the mixing ratio (add 1% to the mixture of coating material and hardener).
- Do not use with fast hardeners.
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

COMPOSITION

Dibutyltin dilaurate and a blend of organic solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4093

Volume:	250 ml
Pack size:	6 pcs
EAN-13:	4606445052466

A4095

NEW!

ELASTIC ADDITIVE FOR ACRYLIC TOPCOATS



DESCRIPTION

For repairing plastic body components. Prevents paint cracking and chipping on flexible parts. Can also be used to improve the flexibility of paint coatings on metal components for protection against stone chips.
For use with acrylic and polyurethane paints and coatings.

APPLICATION

- Ready to use.
- Add immediately before applying the coating.
- Observe the mixing ratio (add up to 10% to the mixture of coating material and hardener).
- Do not add to material that has thickened or has already been mixed.
- Close containers tightly after use.
- Protect from moisture.

COMPOSITION

A solution of special polymers.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4095

Volume:	250 ml
Pack size:	6 pcs
EAN-13:	4606445054200

A9603

NEW!

INDUSTRIAL CLEANER



DESCRIPTION

A highly effective professional cleaner based on natural citrus ingredients. Removes various contaminants from industrial equipment, work areas, tools and original vehicle paintwork.
Removes lubricants, grease, oil, dirt, chewing gum, adhesive and adhesive tape residues, resin, bitumen and uncured polyurethane and silicone sealants from materials including metals (such as aluminium and stainless steel), ceramics, glass, porcelain and various plastics.
Not suitable for degreasing parts before bonding.

APPLICATION

- Shake the can well before use.
- Spray when the can temperature is at least +10 °C.
- Before cleaning plastics, poorly painted surfaces or materials requiring special care, test compatibility in an inconspicuous area.
- Spray evenly onto the surface from 20–30 cm.
- Allow to act for 30–40 seconds.
- Remove with a dry cloth or wipe.
- Repeat if necessary.

Warning! Do not spray with the can upside down!

COMPOSITION

Aliphatic hydrocarbons >30%, naphthenic hydrocarbons >30%, D-limonene <5%, carbon dioxide <5%, aromatic hydrocarbons <5%, functional additives <5%.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 3 years.**

A9603

Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445052794



A9689

UNIVERSAL ANTI-STATIC CLEANER

DESCRIPTION

A professional antistatic cleaner based on mild solvents for cleaning and degreasing metal and plastic vehicle parts before painting. Extends the service life of subsequent paint coatings by providing the necessary adhesion to the substrate and helping to produce a uniform finish free from craters and wrinkles. The active ingredients effectively remove silicone, oil, grease, lubricants, wax, dirt and carbon deposits. Its antistatic properties help prevent further contamination. Compatible with most plastics.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Shake the can for 1–2 minutes before use.
- Apply the degreaser to the surface and/or a wiping cloth.
- Clean the substrate, then wipe with a clean, soft, dry, lint-free cloth.
- Repeat if necessary.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

A blend of organic solvents.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9689

Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445048728

A9690

SILICONE REMOVER / DEGREASER



DESCRIPTION

A high-quality formulation based on mild solvents for cleaning and degreasing metal and plastic parts before painting. Extends the service life of subsequent paint coatings by providing the necessary adhesion to the substrate and helping to produce a uniform finish free from craters and wrinkles. The active ingredients effectively remove silicone, oil, grease, lubricants, wax, dirt and carbon deposits.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Shake the can and spray a moderate amount onto the surface.
- Wipe with a clean, soft, dry cloth.
- Repeat if necessary.

Warning!
Not intended for removing any cured silicone sealants.

COMPOSITION

Aliphatic hydrocarbons >30%, naphthenic hydrocarbons <30%, propane and butane.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9690

Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445046236



A9676-1

1K PLASTIC PRIMER. ADHESION PROMOTER

DESCRIPTION

A professional 1K plastic primer (adhesion promoter) for preparing exterior and interior parts made from all types of plastics used in automotive bumpers, wings, bonnets, trims and other plastic components for painting.
Provides excellent adhesion for a reliable bond between the paint coating and the plastic substrate. Can be overcoated with all types of primers and enamels. The distinctive sheen makes it easy to monitor the area covered and the thickness of the primer.

APPLICATION

- Mask off areas not to be primed to protect them from overspray.
- For best results, apply the primer at temperatures of at least +10 °C.
- Shake the can vigorously for 1–2 minutes before use.
- Before treatment, clean, dry and degrease plastic surfaces. A9690 Silicone Remover / Degreaser is recommended for degreasing.
- Apply an even coat of primer from 25–30 cm. Drying time: 20 minutes at +20 °C.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Polyolefin resins, functional additives, xylene, propane and butane.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9676-1

Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445046212

A9692

FADE-OUT THINNER



DESCRIPTION

Fade-Out Thinner is a professional product for high-quality local paint repairs using the blending technique. Reduces visible differences in colour and gloss at the transition between the existing coating and a newly applied enamel or clear coat repair. Promotes uniform paint distribution and eliminates overspray. Effective both for local repairs using a two-stage basecoat/clear coat system and for painting with any alkyd or acrylic enamel.

APPLICATION

- For best results, apply at an ambient temperature of at least +10 °C.
- Shake the can vigorously for 1–2 minutes before use.
- Spray a thin coat from 15–20 cm onto the transition between the existing and new coatings or the overspray area, before the coating has fully cured.
- Visually check the levelling of the blend edge or removal of overspray. Stop applying Fade-Out Thinner once the required result is achieved; polish the blend area if necessary.

COMPOSITION

A blend of organic solvents, functional additives, propane and butane.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9692

Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445046243



A9694

COLOUR CHECK SPRAY

DESCRIPTION

Colour Check Spray is used to compare samples when matching automotive paint colours and to reveal surface irregularities before and after sanding. After application, it retains the gloss of freshly applied clear coat for an extended period, allowing accurate colour comparison and matching and revealing defects in the surface to be painted.

APPLICATION

- For best results, apply at temperatures of at least +10 °C.
- Shake the can vigorously for 2–3 minutes before use.
- Apply from 15–20 cm until the surface develops the required gloss.
- Colour comparison. Spray onto the basecoat to create temporary gloss. Compare the sample colour with the vehicle paintwork. For best results, apply the inspection spray to both the paint sample and the vehicle at the same time. Wipe off with a cloth after comparison if necessary.
- Checking for irregularities during sanding. Apply inspection spray to the sanding area to create temporary gloss and inspect for defects. After inspection, wipe off with a cloth and degrease before further painting.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Modified synthetic resins, a blend of organic solvents, functional additives, isopropanol, propane and butane.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9694

Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445048841

A9695

NEW!

BLACK DRY GUIDE COAT SPRAY



DESCRIPTION

Dry Guide Coat is used to check for surface defects when refinishing vehicle parts. Its rapid drying and easy application make it ideal for revealing irregularities when sanding various coatings. Highlights defects such as sanding scratches and pores in primer surfacers, which can be difficult to detect without a guide coat and can significantly affect repair quality. Apply to prepared existing paintwork or dry primed and filled surfaces. Suitable for dry and wet sanding. Does not clog abrasives.

APPLICATION

- For best results, apply at an ambient temperature of at least +10 °C. The optimum application temperature is 18–25 °C at 50–60 % relative humidity.
- Shake the can vigorously for 2–3 minutes before use until the mixing balls can be heard clearly.
- Apply 1–2 light coats from 15–20 cm.
- To reveal irregularities in the repair surface, apply Dry Guide Coat to the substrate before sanding the primer or body filler. Sand with the appropriate abrasive grade, then inspect the panel for defects.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Ketones >30 %, hydrocarbon propellant >30 %, aromatic hydrocarbons 15–30 %, fillers <5 %, pigments <5 %, synthetic resins <5 %.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9695

Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445048926



A9671

ZINC-RICH PRIMER

DESCRIPTION

A high-quality professional primer with a high content of finely dispersed zinc for priming ferrous and non-ferrous metals before refinishing. Ideal for protecting weld seams and for local or complete restoration of damaged galvanised coatings. Provides additional cathodic protection for vehicle body components and significantly reduces the risk of underfilm corrosion. Offers a high level of corrosion protection, good adhesion and hiding power. Reaches difficult areas easily and forms a strong, uniform coating. Can be overcoated with most enamel types, including alkyd, acrylic and epoxy enamels.

APPLICATION

- Mask off areas not to be primed.
- Before priming, remove rust and scale, dry sand with P80–P240 abrasive and degrease thoroughly.
- Shake the can vigorously for 2–3 minutes before use.
- Apply 2–3 coats of primer from 25–30 cm, allowing 10–15 minutes between coats at +20 °C. Drying time: 12 hours at +20 °C. Film thickness: 25–30 µm per coat.
- For best painting results, apply an acrylic primer surfacer before the enamel.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Modified synthetic resin, zinc pigments, fillers, functional additives, xylene, methyl acetate and dimethyl ether.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9671

Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445036237

A9673

RUST-CONVERTING PRIMER



DESCRIPTION

An acid-based rust converter primer for preparing rusty metal surfaces for painting. Completely converts rust and prevents new corrosion. No rinsing is required. Forms a moisture- and solvent-resistant coating ready for painting. The product is clear during and immediately after application, turning black as it dries. Once treated, the surface can be sanded and coated with any automotive body filler, including glass fibre fillers, and any type of primer or enamel. Depending on film thickness and surface shape, one can covers 1.5–2 m^2.

APPLICATION

- Remove dirt, flaking paint and loose rust with a wire brush and coarse abrasive paper. Wash off dust with soap and water, then dry and degrease the surface.
- Mask off untreated areas to protect them from overspray.
- For best results, apply at an ambient temperature of +15 to +30 °C and a relative humidity of no more than 60%.
- Shake the can vigorously for 1 minute before use. During application, shake for 10 seconds every minute.
- Apply 2–3 coats from 25–30 cm. Allow no more than 2 minutes between coats at +20 °C. Full drying time: 24 hours at +20 °C. Protect the treated surface from moisture during drying.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Ketones >30%, dimethyl ether <30%, 2-butoxyethanol <15%, formic acid <5%, functional additives <5%.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Shelf life: 3 years.

A9673

Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445042009



A9678

1K ACID ETCH PRIMER

DESCRIPTION

A professional one-component, fast-drying etch primer for preparing vehicle parts for refinishing. Improves adhesion to all metal surfaces, including aluminium, galvanised steel and stainless steel. Apply to sanded and degreased surfaces; overcoating with a secondary primer is essential. Can be used to protect bare metal exposed by sanding through existing coatings.

APPLICATION

- Avoid application to thermoplastic acrylic coatings! Apply to bare metal before primer surfacer. A9677-1 Universal Acrylic Primer is recommended.
- For best results, apply at an ambient temperature of at least +10 °C and a relative humidity of no more than 75%. Recommended application temperature: +20 °C.
- Before applying etch primer, remove loose rust, dirt and grease, sand with P320–400 abrasive and degrease. A9690 Silicone Remover / Degreaser is recommended for degreasing.
- Mask off areas not to be painted to protect them from overspray.
- Shake the can vigorously for 2–3 min before use.
- Apply 1–2 coats of primer from 15–20 cm (8–10 µm per coat), allowing 5–10 minutes between coats.
- IMPORTANT: excessive application does not improve the primer's adhesion.
- Apply the next coating strictly within 20–30 minutes of priming.
- Test the material before the main painting operation. Do not apply polyester products, including body fillers!

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Synthetic resins, anticorrosive pigments, fillers, organic solvents, functional additives and hydrocarbon propellant.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A9678	**yellow**
Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445048551

A9679

1K EPOXY PRIMER



DESCRIPTION

A high-quality professional one-component, fast-drying epoxy primer for preparing vehicle parts for refinishing and protecting sand-through areas during finishing. Provides reliable corrosion protection for metal. Excellent adhesion ensures a strong bond between the topcoat and the substrate. Offers good pore filling, easy application and sanding, and an excellent base for subsequent coatings: acrylic primers and acrylic, alkyd and basecoat enamels. Suitable for wet-on-wet application. Can be applied to existing paintwork after suitable preparation.

APPLICATION

- Existing paintwork: degrease and sand with P220–P280 abrasive. A9690 Silicone Remover / Degreaser is recommended for degreasing.
- Polyester body fillers: dry sand with P240–P320 abrasive to achieve final levelling.
- 2K epoxy primers: no sanding required within 12 hours; after 12 hours, sand with P320.
- Steel: degrease and dry sand with P120.
- Aluminium: degrease and dry sand with P280–P360.
- Galvanised steel: degrease, abrade with a non-woven abrasive pad and degrease again.
- Stainless steel: degrease.
- Mask off areas not to be painted to protect them from overspray.
- Shake the can vigorously for 2–3 min before use. Shake again during application.
- Apply 1–2 thin, even coats of primer from 15–20 cm (approximately 10–15 µm per coat), allowing 5–10 minutes between coats. Flash-off before wet-on-wet topcoating: 20 min.
- If dirt inclusions occur, remove them by hand with P400–500 abrasive paper after 2 hours (once the primer is fully dry). Dry to Touch at +20 °C: 15–20 minutes. Full drying time: 2 hours.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Epoxy and synthetic resins, anticorrosive pigments, fillers, organic solvents, functional additives and hydrocarbon propellant.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9679	**grey**
Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445048568

A9677-1 **A9677-2** **A9677-3**

1K ACRYLIC PRIMER SURFACER



DESCRIPTION

A high-quality professional one-component acrylic primer for preparing ferrous and non-ferrous metal parts for painting. Excellent adhesion ensures a strong bond between the topcoat and the substrate. Provides reliable corrosion protection for metal. Offers excellent pore filling and easy sanding, quickly producing an ideal surface free from pores, sanding scratches and irregularities. Can be applied to existing paintwork and overcoated with all types of enamel.

APPLICATION

- Mask off areas not to be primed to protect them from overspray.
- For best results, apply the primer at an ambient temperature of at least +10 °C.
- Shake the can vigorously for 2–3 minutes before use.
- Before treatment, remove rust and scale from metal surfaces and dry sand with P80–P240 abrasive. Dry sand existing paintwork with P220–P320 abrasive or wet sand with P400. Then degrease the surface thoroughly.
- Apply 2 coats of primer from 25–30 cm, allowing 5–10 minutes between coats at +20 °C. Drying time: 1.5 hours at +20 °C. Film thickness: 40–50 µm per coat.
- Before applying enamel, dry sand the primer with P400–P500 abrasive or wet sand with P800–P1000.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Modified acrylic resin, pigments, fillers, functional and anticorrosive additives, xylene, methyl acetate, propane and butane.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9677-1	**grey**	**A9677-2**	**white**	**A9677-3**	**black**
Volume:	650 ml	Volume:	650 ml	Volume:	650 ml
Pack size:	12 pcs	Pack size:	12 pcs	Pack size:	12 pcs
EAN-13:	4606445046175	EAN-13:	4606445056525	EAN-13:	4606445056532

A9681-1 **A9681-3** **A9681-4**

1K GLOSS ACRYLIC ENAMEL



DESCRIPTION

A high-quality, fast-drying, one-component gloss acrylic enamel for exterior and interior use. For painting previously primed surfaces such as metal, wood, concrete and plastic. Gives excellent results in all types of decorative work. Reaches difficult areas easily and provides good adhesion and hiding power. The finished coating is durable and weather-resistant, with high hardness and mechanical strength.

APPLICATION

- For best results, apply the enamel at temperatures of at least +10 °C.
- Clean, dry, degrease, prime and sand the surfaces before painting.
- Mask off areas not to be painted to protect them from overspray.
- Shake the can vigorously for 2–3 minutes before use.
- Apply 2–3 coats of enamel from 25–30 cm, avoiding excessive build-up and allowing approximately 5–10 minutes between coats.
- Full drying time at +20 °C: 2 hours.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Modified synthetic resins, pigments, fillers, organic solvents, functional additives, propane and butane.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9681-1	**black**	**A9681-3**	**white**	**A9681-4**	**silver**
Volume:	650 ml	Volume:	650 ml	Volume:	650 ml
Pack size:	12 pcs	Pack size:	12 pcs	Pack size:	12 pcs
EAN-13:	4606445045451	EAN-13:	4606445045475	EAN-13:	4606445045482



A9681-2

1K MATT ACRYLIC ENAMEL

DESCRIPTION

A high-quality, fast-drying, one-component matt black acrylic enamel for exterior and interior use (RAL 9005). For painting previously primed surfaces such as metal, wood, concrete and plastic. Gives excellent results in all types of decorative work. Provides a deep, solid colour and helps conceal surface defects and irregularities. Reaches difficult areas easily and provides good adhesion and hiding power. The finished coating is durable and weather-resistant, with high hardness and mechanical strength.

APPLICATION

- For best results, apply the enamel at temperatures of at least +10 °C.
- Clean, dry, degrease, prime and sand the surfaces before painting.
- Mask off areas not to be painted to protect them from overspray.
- Shake the can vigorously for 2–3 minutes before use.
- Apply 2–3 coats of enamel from 25–30 cm, avoiding excessive build-up and allowing approximately 5–10 minutes between coats.
- Full drying time at +20 °C: 2 hours.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Modified synthetic resins, pigments, fillers, organic solvents, functional additives, propane and butane.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 5 years.**

A9681-2	**black**
Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445045468

A9685-1

1K GLOSS ACRYLIC CLEAR COAT



DESCRIPTION

A one-component high-gloss acrylic clear coat for creating a protective finish during local bodywork repairs. Adds decorative gloss to painted and unpainted metal and plastic parts; also suitable for decorative work, including wood finishing. Suitable for restoring mouldings, handles, bumpers, door mirrors and other components. High UV resistance makes it suitable for exterior and interior use. Non-yellowing; provides resistance to mechanical damage and abrasion. Offers excellent flow and adhesion to the substrate, with enhanced weather resistance. Fast-drying and easy to apply. Compatible with both waterborne and solvent-based basecoats.

APPLICATION

- Mask off areas not to be clear-coated to protect them from overspray.
- For best results, apply the clear coat at temperatures of at least +10 °C.
- Shake the can vigorously for 2–3 minutes before use.
- Apply 2–3 coats from 25–30 cm to a clean, dry and thoroughly degreased surface, avoiding excessive build-up. Allow 5–10 minutes between coats.
- Dry to Touch at +20 °C: 20–30 minutes. Full drying time at +20 °C: 2 hours.

Warning! After use, prevent the spray nozzle from clogging by turning the can upside down and spraying until no more product is released.

COMPOSITION

Modified acrylic resin, functional additives, xylene, methyl acetate, butanol, propane and butane.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 8 years.**

A9685-1

Volume:	650 ml
Pack size:	12 pcs
EAN-13:	4606445046229



A4196-1 A4196-2

HS STONE CHIP COATING. ANTIGRAVEL HS

DESCRIPTION

A professional 1K HS stone chip coating for creating and restoring a textured, flexible coating on new and repaired vehicle parts, including sills, wheel arches and plastics. Protects against stones, sand, oil, petrol, water and salts. Provides good adhesion and sound insulation. Retains flexibility in cold weather. Dries quickly and can be overcoated with any 2K enamel or clear coat.

APPLICATION

- Ready to use.
- Apply at temperatures of at least +10 °C.
- Mask off areas not to be treated.
- Before application, clean, dry, degrease and abrade the substrate: use P180–P240 for existing coatings and steel, or a red non-woven abrasive pad for aluminium, galvanised steel and stainless steel.
- Shake the can vigorously for 3–5 minutes before use.
- Apply with a stone chip coating gun at 2–5 bar working pressure, using a 2–4 mm nozzle.
- Apply 1–2 coats from 20–30 cm, avoiding excessive build-up.
- Intercoat Drying: 10–20 minutes at 20 °C.
- Drying time before overcoating with enamel: 60 minutes at 20 °C.
- Close the container tightly after use.

COMPOSITION

Synthetic resins, pigments, fillers, functional additives and a blend of organic solvents.

VOC: 590–600 g/l

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4196-1	**black**	**A4196-2**	**grey**
Volume:	1000 ml	Volume:	1000 ml
Pack size:	6 pcs	Pack size:	6 pcs
EAN-13:	4606445048834	EAN-13:	4606445048865

A4530

NEW!

SPRAY BOOTH PROTECTION MASK

DESCRIPTION

A tacky, water-soluble, clear coating that effectively traps paint particles, dust and overspray, preventing contamination of surfaces being painted. When tackiness is lost, the coating can be washed off easily with water and a sponge, then reapplied.

- Water-soluble; easy to apply and remove.
- Does not affect light transmission; suitable for protecting lights and transparent components.
- Contains no toxic substances.
- No drying required.

APPLICATION

- Stir thoroughly before use.
- Apply to spray booth walls with a roller, brush or spray gun fitted with a 1.8–2.2 mm nozzle.
- For spray gun application, dilute with water if necessary to obtain the required consistency, depending on nozzle size.
- The maximum dilution ratio with water is 1:1.
- When diluted with water, apply several coats to achieve the required film thickness.
- Coverage: 1 litre of undiluted coating per 7–10 m^2.
- When used at elevated temperatures of +60 °C and above, monthly replacement is recommended.

COATING REMOVAL

- Wash off with water and a sponge or a strong water jet. If heavily contaminated, soak first.

COMPOSITION

Deionised water, glycerine, functional additives, non-ionic surfactants and preservative.

STORAGE

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**



A4530

Volume:	5 l
EAN-13:	4606445056549

A4022

NEW!

MATTING PASTE



DESCRIPTION

Matting Paste provides comprehensive surface preparation: deglossing existing finishes, cleaning ferrous metals and abrading new plastic parts and original or refinished paintwork without leaving fibres.
Recommended for blending repairs and preparation before clear coating. Removes grease and silicone contamination. For maximum effectiveness, use with non-woven abrasive pads of various grades.

APPLICATION:

- Shake the bottle.
- Use Matting Paste with an abrasive pad moistened with water.
- Abrade until foam forms.
- Rinse and dry.
- Degrease the surface before painting.

COMPOSITION

Silicon dioxide >30%, treated water >30%, non-ionic surfactants <5%, functional additives <5%, preservative <5%, colourant <5%.

STORAGE:

Store in a dry, ventilated indoor warehouse at +5 °C to +25 °C, at least 1 m from heating appliances.

Technical specifications **Shelf life: 2 years.**

A4022

Volume:	500 ml
Colour:	violet

AP071

NEW!

PAINT PREPARATION SYSTEM. 50-PIECE SET

DESCRIPTION

The Paint Preparation System is designed for applying one- and two-component paints and coatings: primers, primer enamels, enamels and clear coats.
The system replaces traditional spray gun cups and paper paint strainers, significantly reduces solvent consumption for spray gun cleaning and increases productivity.
The optimum cup capacity is ideal for standard refinishing work in a bodyshop paint area.

APPLICATION

- The coating material (primer, enamel or clear coat) is mixed and prepared in a disposable plastic cup.
- After fitting the lid with its integrated filter, attach the cup to the spray gun using an adaptor in place of the conventional cup.
- The plastic cup collapses as the material is used, allowing the spray gun to work at any angle through a full 360°.
- The plastic cup and filter are disposable and simply replaced; only the spray gun nozzle needs cleaning.

BENEFITS

The paint preparation system makes work cleaner and faster, protects paint from external contamination, saves labour and reduces solvent consumption when cleaning the spray gun and its components.

One container for mixing and preparing coatings:

- Closed system provides complete protection from external contamination.
- Solvent savings of more than 70%.
- Improved safety through reduced solvent consumption and lower volatile organic compound emissions.
- Convenient at every stage, from mixing paints to disposing of used materials.
- The spray gun works at any angle.
- Unused expensive material can be kept in the sealed plastic cup until its next use, significantly reducing waste.

CONTENTS

Paint Preparation System. The 50-piece set includes:

- Rigid graduated cup — 1 pc
- Locking ring — 1 pc
- Disposable 650 ml cup — 50 pcs
- Disposable lid with 190 µm filter — 50 pcs
- Disposable cup stopper — 20 pcs

AP071

Cup:	polypropylene
Volume:	650 ml
EAN-13:	4606445054927







AP075 AP076 AP077 AP078

GRADUATED MIXING CUP

DESCRIPTION

The Graduated Mixing Cup is designed for mixing one- and two-component paints and coatings. Convenient scales with ratios from 1:1 to 7:1 help ensure accurate measurement and correct mixing proportions.
The cup allows highly accurate measurement of coating components, improves working speed and productivity, and simplifies equipment cleaning, saving paint and cleaning materials.
The clear plastic allows accurate visual assessment of the resulting colour when tinting enamel.
Graduated cups can be fitted with tight-fitting plastic lids (supplied separately).

AP075

Volume:	385 ml
Pack size:	200 pcs
EAN-13:	4606445054880

AP076

Volume:	680 ml
Pack size:	200 pcs
EAN-13:	4606445054897

AP077

Volume:	1370 ml
Pack size:	200 pcs
EAN-13:	4606445054903

AP078

Volume:	2250 ml
Pack size:	200 pcs
EAN-13:	4606445054910

AP075L AP076L AP077L AP078L

MIXING CUP LID

AP075L

Volume:	385 ml
Pack size:	500 pcs
EAN-13:	4606445054934

AP076L

Volume:	680 ml
Pack size:	500 pcs
EAN-13:	4606445054941

AP077L

Volume:	1370 ml
Pack size:	400 pcs
EAN-13:	4606445054958

AP078L

Volume:	2250 ml
Pack size:	400 pcs
EAN-13:	4606445054965

AP081 AP082

PAPER PAINT STRAINER





DESCRIPTION

A paper paint strainer with a nylon mesh insert, recommended for one- and two-component coatings such as primers, primer enamels, enamels and clear coats.
Specially designed to remove foreign particles, debris and clumps from paint materials, helping prevent unwanted paint defects.

AP081	
Filter:	190 µm
Pack size:	1000 pcs
EAN-13:	4606445054972

AP082	
Filter:	125 µm
Pack size:	1000 pcs
EAN-13:	4606445054989

AP051 **AP052** **AP053** **AP054** **NEW!**

PROFESSIONAL MASKING TAPE



DESCRIPTION

A light green masking tape with an impregnated paper backing and an adhesive layer, specially developed for automotive refinishing.

- Ideal for masking vehicle parts before painting.
- Resistant to solvents and water.
- Resistant to weathering and UV radiation.
- Does not damage paintwork.
- Leaves no adhesive residue.
- Withstands temperatures up to +100 °C.
- 50-metre rolls in 4 popular widths.

AP051		**AP052**		**AP053**	
Roll:	18 mm × 50 m	Roll:	24 mm × 50 m	Roll:	36 mm × 50 m
Pack size:	48 pcs	Pack size:	36 pcs	Pack size:	24 pcs
EAN-13:	4606445054996	EAN-13:	4606445055009	EAN-13:	4606445055016

AP054	
Roll:	48 mm × 50 m
Pack size:	20 pcs
EAN-13:	4606445055023

AP-A206

INDUSTRIAL POLYPROPYLENE WIPES



DESCRIPTION

Extra-strong, non-woven, lint-free polypropylene wipes for cleaning and degreasing surfaces before painting and for absorbing liquids such as water, oil and paint.
Highly absorbent: can absorb contaminants weighing up to 8 times their own weight. Lint-free and solvent-resistant.
Suitable for degreasing and cleaning surfaces in automotive and equipment painting, industry, petrochemicals and similar applications.
Recyclable.
1 individually wrapped roll.

AP-A206

Size:	32 x 36 cm
Per roll:	500 pcs
EAN-13:	4606445055030

AP020

PROTECTIVE MASKING FILM



DESCRIPTION

A translucent protective polyethylene film for masking vehicle body parts that are not to be painted. The working surface has adhesive properties: dirt, dust and paint stick to the film and do not flake off when it is removed, keeping painted surfaces clean.
Also suitable for household use to protect furniture and surfaces during renovation or moving.

- Size: 4 x 5 m.
- Masking area: up to 20 m^2.
- Film thickness: 7 µm.
- Electrostatic properties allow the film to cling to the vehicle body.
- Protection during painting.
- Surface protection during renovation or moving.

APPLICATION

- Unfold the film along the longer side of the surface to be masked.
- Spread it across the width by pulling the ends outwards from the centre, with the side marked in red facing outwards.

COLOUR

Translucent.

COMPOSITION

High-density polyethylene.

Shelf life: 10 years.

AP020

Size:	4 x 5 m
Pack size:	30 pcs
EAN-13:	4606445047684

A-R-014

POSTER: AUTOMOTIVE REFINISH PRODUCTS



A-R-014

Set: 10 pcs
EAN-13: 4606445054804

SAFETY PRECAUTIONS

FOR PROFESSIONAL USE ONLY!

H226 Flammable liquid. Vapours form explosive mixtures with air.
H303 May be harmful if swallowed.
H373 May cause damage to organs through prolonged or repeated exposure.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed/sealed.
P241 Use explosion-proof equipment and lighting.
P260 Do not breathe gas/vapours/dust.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection (goggles, mask).
P403 Store in a well-ventilated place.
P235 Keep cool.
P501 Dispose of container/contents in accordance with local, regional, national or international regulations.
P370 + **P380** In case of fire: evacuate the area.
P302 + **P352** IF ON SKIN: wash with plenty of water.
P303 + **P351** IF ON SKIN (or hair): rinse cautiously with water for several minutes.
P332 + **P337** + **P311** If skin irritation occurs and eye irritation persists: seek medical advice.

GENERAL INFORMATION

GENERAL INFORMATION.

For use by trained personnel in specialist facilities. Before use, read the Safety Data Sheet for precautions and safe handling recommendations. Appropriate precautions must also be observed when handling chemical products that do not require mandatory labelling. Manufactured under a quality management system in accordance with ISO 9001:2015.

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Art. A-R-015 Rev. 10-2026
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