

Rhenometal AP 1 Primer

Special primer for metal, especially aluminum

Water-based, environmentally friendly

Art. No.: A 5390

Features: Single-component primer with corrosion protection. For the coating of metal, especially raw aluminum. Ready to use, abrasion and scratch resistant, resistant against water and common cleaning agents, weather resistant.

Area of use: For the coating of metal, also profiles out of aluminum. The surface of the substrate to be coated must be clean and free from grease, must not be contaminated with silicone or other materials. For professional use.

Processing instructions: Before use stir or shake material well. The primer is ready-to-use without dilution. Degrease substrate. If improved adhesion is necessary, sand surface.

Supply form / Colors: red brown

Degree of gloss: no.: 14 = satin matt (gloss 30-40)

Application method with spray-pistol:

Gravity cup pistol: 1.5 – 2.0 mm nozzle size, spraying pressure 4 bar

HVLP-pistol: 1.5 – 1.8 mm nozzle size, spraying pressure 2 – 2.5 bar

Airmix-device: ≤ 0.23 mm nozzle size, pressure depends on device

Recommended processing temperature: between +15°C to +35°C

Drying: at +20°C and max. humidity of 60%:
dust dry after approx. 10 min
dry to touch after approx. 30 min
can be re-coated after 2 hrs
fully hardened after up to 7 days

Thinning: Rhenometal AP 1 is ready to use;
can be diluted with 1 - 3 % water

Viscosity colors: 500 - 600 mPas (Brookfield, spindle 6, 100 rpm)

System set-up: Apply one coat of primer; re-coat with top-coat.

Processing steps:

- Clean the surface of the substrate thoroughly with air pressure, so that no residue shavings impede the coating surface
- Cover the areas not to be coated (e.g. with masking tape)
- Degrease substrate thoroughly. Clean the profiles with alcoholic cleaner, to remove dirt and grease and to achieve an antistatic effect
- If necessary, sand surface or use a primer
- Observe about 5 minutes drying time of the alcoholic cleaner
- Firstly spray-paint the edges lightly
- Spray paint the entire profile
- If you want to apply a protective foil, leave profile to fully harden before application

Application amount: Wet film thickness 80 - 100 µm / dry film thickness: 25 - 35 µm

Cleaning: Working tools: with water, immediately after use. Remove dry coating residue with alcoholic cleaner.

Supply units:

1 l tin
5 l pail
20 l pail

Storage: Cool, frost-free, close once-opened container well. Can be stored for up to 1 year.

VOC 2010: Cat. D / base wb / max value 130 g/L / actual value 30 g/L

Labeling according to regulation (EC) No 1272/2008: No labeling required

Safety advice: During processing, common protection measures and regulations according to the authorized trade association must be observed. Safety-relevant data and instructions regarding disposal can be found in the safety data sheet.

Service:

Our service team for application technology is available to you at any time without obligation.

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