

Rhenometal AC 1, color tones

Rhenometal AC 1, base paint A and C, for self-tinting

Special coating for metal, especially for aluminum

Water-based, environmentally friendly

Art.-No.: A 5300 (RAL colors from A and C, satin matt normal setting)

Art.-No.: A 5304 (RAL colors from A and C, glossy special setting)

Art.-No.: A 5400 (base A), A 5402 (base C) satin matt

Art.-No.: A 5404 (base A), A 5406 (base C) glossy

Features: Corrosion resistant single-component lacquer for multipurpose coatings of metal, especially raw aluminum. With a standard adjustment for pigmentation in the heat-reflective area. Ready to use, abrasion and scratch resistant, resistant against water and common cleaning agents, weather resistant. The base system can be pigmented using the Rhenocoll Color MIX system.

All Rhenometal AC 1 RAL colors are being applied in one layer.

Area of use: For the coating of metal, also for window and door profiles made of aluminum. The surface of the substrate to be coated must be clean, must not be contaminated with silicone or other materials and must not have been treated chemically. For professional use.

Processing instructions: Before use stir or shake material well. The coating is ready-to-use without dilution.

Addition of Promotor AC-X: Add 2% to Rhenometal AC 1 (1 liter lacquer + 20 ml Promotor). Stir in manually.

Processing time (pot life) after mixing with promotor: within 1 working day (8- 12 hours). A few days later viscosity variations are possible.

Cleaning: with water, immediately after use. Clean dried lacquer residues with a universal thinner or Acetone.

Storage: In the closed original container Tec-Bond-Promotor AC-X is storable for 12 month. After opening it has to be processed within 3 month.

Supply form/Colors tones: RAL colors and base paint A and C

Degree of gloss: No.: 10 = glossy (gloss 45-50), No.: 14 = satin matt (gloss 15-25)

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. 2 hrs
dry to touch after approx. 4 - 6 hrs
fully hardened after up to 10 days

Drying: forced drying, 50°C (after 10 – 15 min flash-off-time):

Tack-free after approx. 15 min.
fully dried after approx. 1 hr
completely hardened after 24 hrs

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

Viscosity color tones: 1000 - 1400 m Pas (Brookfield, spindle 6, 100 rpm)

System set-up: any colors, such as RAL, are being applied in one coat.

Processing steps:

- Clean the profile surface 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
- 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 100 – max. 150 µm / dry film thickness: 45 - 70 µm

Cleaning: Already coated surfaces (spraying mist, dirt, residue of glue, ...) with "Rhenocoll CleanEx". Residue on the non-coated profile (e.g. spraying mist on to white surface due to bad masking): with alcoholic cleaner. 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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