

Rhenometal AC 3+, colors

Rhenometal AC 3+, base system C, for self-tinting

Special coating for metal, especially aluminum

Water-based, environmentally friendly

Art. No.: A 5314 (RAL colors, satin gloss)

Art. No.: A 5414 (base C) satin gloss

Features: Corrosion resistant single-component coating with fine texture for new coatings and restoration. For the universal coating 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 3+ RAL colors are being applied in one layer.

Area of use: For the coating of metal, also profiles out of aluminum for windows and doors. 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 coating is ready-to-use without dilution. Degrease substrate. If improved adhesion is necessary, sand surface. Alternatively, use primer AP 1 Primer as a pre-treatment.

Addition of promoter: not applicable

Processing time (pot life): not applicable

Supply form / Colors: RAL colors and base system C

Degree of gloss: no.: 14 = satin gloss (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. 1-2 hrs
dry to touch after approx. 3-5 hrs
after 24 hrs / overnight resistant to strain and stress
fully hardened after up to 14 days
completely cross-linked after 28 days

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

Viscosity colors: 1100 - 1400 mPas (Brookfield, spindle 6, 100 rpm)

System set-up: Any colors, such as RAL, are being applied in one 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 100 - 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.

Phone: +49 (0)6384 99 38 - 0
Fax: +49 (0)6384 99 38 - 112
Email: info@rhenocoll.de

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