



Aluminium Epoxy 2K

2K aluminium-pigmented epoxy coating

Special coating providing exceptional corrosion protection due to its natural aluminium content.

APPLICATION TOOLS



PACKAGING



CHARACTERISTICS

- ✓ High adhesion
- ✓ Excellent protection of metal surfaces
- ✓ High chemical and mechanical resistance
- ✓ High coverage
- ✓ Easy application

SURFACES / USES

- ✓ Metal structures
- ✓ Structural steel frames
- ✓ Industrial buildings
- ✓ Metal staircases

TECHNICAL DATA

Coverage	2.2m ² /kg per coat
Thinning	5-10% with Nitro Thinner or Epoxy Thinner
Through dry	3days

(*) Exact drying times depend on the ambient temperature and relative humidity during application and drying.



Surface Preparation

- Remove any silicone and oil contamination from the metal using NITRO THINNER or EPOXY THINNER.
- Clean and dry the application surface thoroughly. Abrade the surface thoroughly with sandpaper.
- Apply the product in two coats in accordance with the product instructions.



Application

- Mix component A with component B using a low-speed mechanical stirrer for 2-3 minutes. Allow the mixture to stand for 30 seconds, then mix again for a further 1 minute.
- Caution: The entire quantity of component A must be mixed with component B at the ratio specified for each set. If a smaller quantity of mixed product is required, weigh both components accurately while maintaining the same ratio by weight.
- Do not leave the mixed product (A+B) unused in the container for more than 50 minutes, as it will begin to gel and become unusable.
- Apply the product in one or two coats. For improved workability, thin with 5-10% NITRO THINNER or EPOXY THINNER. Apply the next coat after the previous coat has dried, always following a test application.
- Caution: At temperatures above 35°C, product adhesion may be reduced.



Restrictions

- Do not apply at temperatures below 5°C or above 35°C.
- Do not apply when relative humidity exceeds 80%.
- Allow damp surfaces to dry thoroughly before application.
- Protect the freshly painted surface from cold and moisture for at least 24 hours.



Storage

Store for up to one year in a sealed container at temperatures between 5°C and 40°C.

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Precautions

COMPONENT A: Flammable liquid and vapour. Harmful if inhaled. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. Contains epoxy constituents. May produce an allergic reaction. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves and eye/face protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Call a POISON CENTRE/doctor if you feel unwell. If skin irritation or a rash occurs: Get medical advice/attention.

COMPONENT B: Flammable liquid and vapour. Harmful if swallowed. Harmful if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long-lasting effects. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing and eye/face protection. IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. IF INHALED: Remove person to fresh air and keep comfortable for breathing.

FOR FURTHER INFORMATION, CONSULT THE SAFETY DATA SHEET.



VOC Category

Product category A/j (SB), 'Two-pack performance coatings', in accordance with European Directive 2004/42/EC. VOC limit for this category: 500 g/L. Maximum VOC content of the ready-to-use product: 499 g/L. The product also complies with the 2010 limit (Phase II).