



Product data sheet

REVONPOX RV 204

Epoxy Glass Flake

PRODUCT DESCRIPTION

Two component, air drying, high solids, high build Epoxy coating reinforced with Glass-flake for enhanced durability and corrosion resistance.

RECOMMENDED USE

Glass flake particularly used in areas of the subject to heavy impact, excellent corrosion resistant due to its low permeability and high electrolytic resistance.

CHARACTERISTICS

- Resistance to splash and spillage of a wide range of chemicals
- Very low water permeability, due to glass flake barrier.
- Application and curing at temperatures down to 5°C
- Excellent resistance to corrosion.
- Long term protection for areas subject to heavy wear and tear

PHYSICAL DATA

| | |
|-------------------------------|---------------------------------------|
| Colour | Available On Request |
| Gloss Level | Matt |
| Volume Solid | Approx. 80% |
| Dry Film Thickness | 400 microns per coat |
| Number of Coat | 1 |
| Theoretical Coverage | 2.0 sq.m/ℓ for 400 microns |
| Temperature Resistance | Continuous : 120°C (dry), 120°C (wet) |
| VOC | 140g/ℓ |
| Flash Point | Base: 27°C Hardener: 24°C |
| Shelf Life | At least 12 months |
| Pack Size | 20 kg |

SURFACE PREPARATION

Steel

- Dry abrasive blast in accordance with ISO – Sa 2.5 or SSPC – SP 10 "Near White".
- Blast to achieve an anchor profile of 25 – 50 microns as determined with a Keane Tator Surface Profile Comparator.
- Remove abrasive residue or dust from surface.

APPLICATION DATA

Application Methods

| | |
|---------------|-------------------------------------|
| Airless Spray | 0.46 – 0.58 mm (0.018 – 0.023 inch) |
| Nozzle Tip | 10 MPa (approx. 1400 psi) |

| | |
|--------------------|-----------------------------------|
| Conventional Spray | 1.8 – 2.0 mm (0.071 – 0.079 inch) |
| Nozzle Tip | 0.3 MPa (approx. 43 psi) |

Mixing Ratio By Volume

Base : Hardener = 4 : 1

Thinner

REVONER 112 Should be 10°C – 49°C, at least 3°C above the dew point to prevent condensation

Surface Temperature

3 hours at 25°C, 1.5 hours at 32°C
11 hours at 25°C, 7 hours at 32°C

Drying Time

Touch Dry

Through Dry

Recoat Interval

8 hours at 25°C, 4 hours at 32°C

Minimum

Maximum

Full Cure

Pot Life

7 days

8 days

4 hours at 25°C, 2 hours at 32°C



SAFETY PRECAUTION

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Keep away from heat, spark and Open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use.

Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against topic hazard.

Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

DISCLAIMER

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.