

FREITAPOX SR 215 EVO

Replaces FREITAPOX SR 215 NF

DESCRIPTION

Two component, vinyl epoxy primer/intermediate paint, pigmented with micaceous iron oxide

PRINCIPAL CHARACTERISTICS

- Quick-drying
- High build characteristics
- EDF/ORANO (ex AREVA/COGEMA) and CEA-approved product
- ACQPA 25292-certified.

COLOR AND GLOSS LEVEL

- Metal gray, metal red
- Matt

BASIC DATA AT 20°C (68°F)

Data for mixed product	
Number of components	Two
Mass density	1.67 kg/l (13.94 lb/US gal)
Volume solids	66 ± 2%
VOC (Supplied)	max. 340.0 g/l (approx. 2.8 lb/US gal) Directive 2010/75/EU, SED: max. 204.0 g/kg
Temperature resistance	To 120°C (250°F)
Recommended dry film thickness	70 - 210 µm (2.8 - 8.3 mils)
Theoretical spreading rate	9.4 m ² /l for 70 µm (378 ft ² /US gal for 2.8 mils) 3.1 m ² /l for 210 µm (128 ft ² /US gal for 8.3 mils)
Dry to touch	30 minutes
Dry to handle	1.5 hours
Overcoating Interval	Minimum: 30 minutes Maximum: 12 months
Shelf life	Base: 12 months when stored cool and dry Hardener: 6 months when stored cool and dry

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Compatible previous coat must be dry and free from any contamination
- Steel; blast cleaned to ISO-Sa2½ (SSPC SP-10), blasting profile 40 - 70 µm (1.6 - 2.8 mils)

Atmospheric exposure conditions

- Relative humidity should not exceed 85%; surface must be free of visible moisture



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Substrate temperature

- Substrate temperature during application should be between -5°C (23°F) and 40°C (104°F)
 - Substrate temperature during application should be at least 3°C (5°F) above dew point
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INSTRUCTIONS FOR USE

Mixing ratio by volume: base to hardener 80:20 (4:1)

- Thinner should be added after mixing the components
 - Adding too much thinner results in reduced sag resistance and slower cure
 - The temperature of the mixed base and hardener should be above 10°C (50°F), otherwise extra thinner may be required to obtain application viscosity
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Induction time

None

Pot life

4 hours

Airless spray

Recommended thinner

THINNER 21-06 or DILUANT N°13 Bis

Volume of thinner

0 - 15%

Nozzle orifice

Approx. 0.43 - 0.64 mm (0.017 - 0.025 in)

Nozzle pressure

15.0 - 20.0 MPa (approx. 150 - 200 bar; 2176 - 2901 p.s.i.)

Brush/roller

- Brush: for stripe coating and spot repair only

Recommended thinner

THINNER 21-06 or DILUANT N°13 Bis

Volume of thinner

0 - 10%

Cleaning solvent

THINNER 21-06 or DILUANT N°13 Bis

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ADDITIONAL DATA

Spreading rate and film thickness	
DFT	Theoretical spreading rate
70 µm (2.8 mils)	9.4 m ² /l (378 ft ² /US gal)
210 µm (8.3 mils)	3.1 m ² /l (128 ft ² /US gal)

Overcoating interval for DFT up to 200 µm (8.0 mils)		
Overcoating with...	Interval	20°C (68°F)
itself	Minimum	30 minutes
	Maximum	12 months
FREITANE 520/550/580	Minimum	30 minutes
	Maximum	12 months
STEELGUARD intumescent coatings	Minimum	30 minutes
	Maximum	12 months
PANTECTONIQUE MPS	Minimum	30 minutes
	Maximum	12 months

Curing time for DFT up to 70 µm (2.8 mils)		
Substrate temperature	Dry to touch	Dry to handle
20°C (68°F)	30 minutes	1.5 hours

Curing time for DFT up to 210 µm (8.3 mils)		
Substrate temperature	Dry to touch	Dry to handle
20°C (68°F)	100 minutes	5 hours

SAFETY PRECAUTIONS

- For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets
- This is a solvent-borne paint and care should be taken to avoid inhalation of spray mist or vapor as well as contact between the wet paint and exposed skin or eyes

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective and Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.



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REFERENCES

• CONVERSION TABLES	INFORMATION SHEET	1410
• EXPLANATION TO PRODUCT DATA SHEETS	INFORMATION SHEET	1411
• RELATIVE HUMIDITY – SUBSTRATE TEMPERATURE – AIR TEMPERATURE	INFORMATION SHEET	1650
• SAFETY INDICATIONS	INFORMATION SHEET	1430

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