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#### **DESCRIPTION**

Two-component high solids amine cured epoxy coating

#### PRINCIPAL CHARACTERISTICS

- Specialized coating for use under SIGMAGLIDE fouling release system
- · Excellent impact resistance
- · Excellent water resistance

#### **COLOR AND GLOSS LEVEL**

- · Redbrown, blue
- Gloss

### BASIC DATA AT 20°C (68°F)

Data for mixed product				
Number of components	Two			
Mass density	1.6 kg/l (13.4 lb/US gal)			
Volume solids	85 ± 2%			
VOC (Supplied)	Directive 1999/13/EC, SED: max. 150.0 g/kg max. 235.0 g/l (approx. 2.0 lb/US gal)			
Recommended dry film thickness	150 μm (6.0 mils)			
Theoretical spreading rate	5.7 m²/l for 150 μm (227 ft²/US gal for 6.0 mils)			
Dry to touch	3 hours			
Overcoating Interval	Minimum: 6 hours Maximum: 5 days			
Shelf life	Base: at least 24 months when stored cool and dry Hardener: at least 24 months when stored cool and dry			

## Notes:

- See ADDITIONAL DATA Overcoating intervals
- See ADDITIONAL DATA Curing time

#### RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

# **Substrate conditions**

Previous coat must be dry and free from any contamination

### Substrate temperature and application conditions

- Substrate temperature during application and curing should be above 20°C (68°F)
- Substrate temperature during application and curing 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 75:25 (3:1)

- The temperature of the mixed base and hardener should preferably be above 20°C (68°F), otherwise extra thinner may be required to obtain application viscosity
- · Adding too much thinner results in reduced sag resistance and slower cure
- · Thinner should be added after mixing the components

#### **Induction time**

None

### Pot life

1.5 hours at 20°C (68°F)

Note: See ADDITIONAL DATA - Pot life

## **Airless spray**

#### **Recommended thinner**

No thinner should be added

#### **Nozzle orifice**

Approx. 0.53 - 0.69 mm (0.021 - 0.027 in)

# Nozzle pressure

15.0 MPa (approx. 150 bar; 2176 p.s.i.)

# **Brush/roller**

# **Recommended thinner**

No thinner should be added

#### **Cleaning solvent**

THINNER 90-53

#### **ADDITIONAL DATA**

Overcoating interval for DFT up to 150 μm (6.0 mils)						
Overcoating with	Interval	20°C (68°F)	30°C (86°F)	40°C (104°F)		
SIGMAGLIDE 790	Minimum	6 hours	4 hours	2 hours		
	Maximum	5 days	3 days	48 hours		

Note: Surface should be dry and free from any contamination

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Curing time for DFT up to 150 µm (6.0 mils)						
Substrate temperature	Dry to handle	Service- water immersion	Full cure			
20°C (68°F)	3.5 hours	5 days	7 days			
30°C (86°F)	2 hours	4 days	5 days			
40°C (104°F)	1.5 hours	3 days	3 days			

Note: Adequate ventilation must be maintained during application and curing (please refer to INFORMATION SHEETS 1433 and 1434)

Pot life (at application viscosity)			
Mixed product temperature	Pot life		
20°C (68°F)	1.5 hours		
30°C (86°F)	45 minutes		

#### **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.

#### **REFERENCES**

•	EXPLANATION TO PRODUCT DATA SHEETS SAFETY INDICATIONS SAFETY IN CONFINED SPACES AND HEALTH SAFETY, EXPLOSION HAZARD -	INFORMATION SHEET INFORMATION SHEET INFORMATION SHEET	1411 1430 1431
	TOXIC HAZARD	THE STANDARD STILL	
	SAFE WORKING IN CONFINED SPACES DIRECTIVES FOR VENTILATION PRACTICE	INFORMATION SHEET INFORMATION SHEET	1433 1434

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