



Morapox-GF

Product Description

Two component polyamine curing high solid epoxy coating containing glass flake. It provides longterm protection in surfaces exposed to abrasion, impact and corrosion. It has superior cathodic disbondment protection and water resistancy.

Intended Uses

It can be used as primer / topcoat in chemical plants, ports, offshore splash zones, bridges, ship decks, underwater/undersoil buried systems.

Physical Properties

Physical State	: Liquid
Colour	: Grey, Black
Volume Solid (%)	: 82 ± 2
Density	: 1,45 ± 0,05 kg/L
Gloss	: Semi Gloss
V.O.C	: 237 g/L

Application Data

Mixing Ratio (by weight)	: 83,5 Unit A / 16,5 Unit B
Mixing Ratio (volume)	: 3 Unit A / 1 Unit B
Application Methods	: Airless spray, brush (brush for stripe coating & touch up only)
Application Conditions	: The temperature of the substrate should be minimum 3°C above the dew point of the air. Good ventilation is required.
Thinner/Cleaner	: Moravia 159 Thinner

Guiding data for airless spray

Pressure at nozzle	: 15 MPa (150 kp/cm ² 2100 psi)
Nozzle tip	: 0.53-0.58 mm (0.021-0.023")
Spray angle	: 40-80°
Filter	: Glass flake particles may occlude the filters. Please consult to paint manufacturer

	Dry (µm)	Wet (µm)	Theoretical Coverage (m ² /L)
Typical film thickness	200	244	4,10
Maximum thickness	500	610	1,64

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Surface Preparations

All surfaces to be coated should be clean, dry and free from contamination. The surface should be assessed and treated in accordance with ISO 8504.

Steel surface

Blast-cleaning to Sa 2½ (ISO-8501).

Coated surface

If the surface is pre-primed or shopprimed, the paint surface should be clean, dry and free of loose paint and approved by Moravia inspector for the subsequent coating. Please contact Moravia office for further information.

Drying Time

Substrate Temperature	Pot Life (Max)	Touch Dry (max)	Hard Dry	Over coating Data	
				Minimum	Minimum
5°C	3 hrs	20 hrs	36 hrs	20 hrs	4 days
23°C	1.5 hrs	5 hrs	12 hrs	5 hrs	3 days
30°C	30 minutes	3,5 hrs	8 hrs	3,5 hrs	2 days

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

Packing Size : 20 kg

Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated area and away from source of heat and ignition. Containers must be kept tightly closed.

Health and Safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

Disclaimer: The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.