



Morapox-GRP

Product Description

Morapox-GRP is a two-component modified epoxy based fast drying primer. It has excellent adhesion properties on GRP surfaces. It provides good barrier against water penetration at underwater areas of polyester hulls.

Intended Uses

It is used as a primer of gelcoat and polyester boats. It can be used as an undercoat between epoxy laminated fiber and putties.

Physical Properties

Physical State	: Liquid
Colour	: Grey
Volume Solid (%)	: 53 ±2
Density	: 1,40 ±0,05 kg/L
Gloss	: Matt
Flexibility	: Good

Application Data

Mixing Ratio (weight)	: 8.5 units Part A / 1.5 unit Part B
Mixing Ratio (volume)	: 3 units Part A / 1 unit Part B
Application Methods	: Airless spray, conventional spray, brush or roller.
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	: 0,38-0,53 mm (0,015-0,021")
Spray angle	: 40-80°
Filter	: Check to ensure that filters are clean.

	Dry (µm)	Wet (µm)	Theoretical Coverage (m ² /L)
Typical film thickness	50	95	10,60
Maximum thickness	100	190	5,30

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Surface Preparations

The humidity of the surface is measured and let it to dry.
All surface shall be clean and dry.
The surface shall be abraded with No 180-220 grade sandpaper before application
Please contact Moravia office for further information.

Drying Time

Substrate Temperature	Pot Life (max)	Touch Dry	Hard Dry	Over coating Data	
				Minimum	Maximum
10°C	10 hrs	10 hrs	24 hrs	24 hrs	60 days
23°C	8 hrs	4 hrs	8 hrs	8 hrs	30 days
30°C	6 hrs	2 hrs	4 hrs	4 hrs	7 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 : 0.75 L, 2.50 L, 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.