

**Moravia**
Marine Coatings

Morasin

Product Description

Morasin is a two-component, solventless epoxy based resin system with a very durable polymer structure.

Intended Uses

It is suitable for bonding wood and GRP substrates and glass fibre lamination during boat building and maintenance.

Physical Properties

Physical State	: Liquid
Colour	: Amber
Volume Solid (%)	: ~100
Density	: 1,06 ±0,03 kg/L

Application Data

Mixing Ratio (volume)	: 2 units Part A / 1 unit Part B
Application Methods	: Roller, Brush
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	: Not advised.
Second Coat Application	: If the overcoating time is exceeded, abrasion of previous coat is necessary during glass fibre lamination on wood,

Surface Preparations

Wood surfaces: The surface should be clean, dry and free of old paint and varnish on the surface abrading by sandpaper. The surface should be abraded with 80-120 # sandpaper and dust shall be removed.

GRP surfaces: Should be abraded as well and dried completely. For de-greasing, use of Moravia 127 Cleaning Thinner is recommended.

Good surface preparation is very important for the best result.

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Drying Time

Substrate Temperature	Pot Life (max)	Touch Dry	Hard Dry	Over coating Data	
				Minimum	Maximum
10°C	70 minutes	-	24 hrs	24 hrs	5 hrs
23°C	40 minutes	-	14 hrs	14 hrs	2 hrs
30°C	25 minutes	-	10 hrs	10 hrs	1 hrs

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, 3 L, 15 Kg, 48 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.

In case of crystallization of epoxy resin during very low temperature cycles, heat the product up to 50- 55 °C and it will be ready for use.

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.