Morapox Uniprimer

Product Description
Morapox Uniprimer is a two-component, fast drying polyamine based epoxy primer with a high volume solid and zinc phosphate. It provides efficient protection in various corrosive environments.

Intended Uses
Marine Uses: Used as a primer underwater and below the water of ship's outer hulls.
Industrial Uses: Used as a primer / undercoat on steel constructions and concrete surfaces.

Physical Properties

Physical State	: Liquid
Colour	: Grey & Oxide Red & White
Volume Solid (%)	: 74 ±2
Density	: 1,50 ±0,05 kg/L
Gloss	: Matt
VOC	: 238 g/L
Flexibility	: Good

Application Data

Mixing Ratio (volume)	: 8,5 units Part A / 1,5 units Part B
Application Methods	: Airless spray, conventional spray, brush or roller.
Application Conditions	: The temperature of the substrate should be minimum 3ºC above the dew point of the air. Good ventilation is required.
Thinner/Cleaner	: 159 Thinner

Guiding data for airless spray

Pressure at nozzle	: 15 MPa (150 kp/cm² 2100 psi)
Nozzle tip	: 0,43-0,53 mm (0,017-0,021")
Spray angle	: 40-80°
Filter	: Check to ensure that filters are clean.

	Dry (µm)	Wet (µm)	Theoretical Coverage (m²/L)
Typical film thickness	125	170	5,92
Maximum thickness	250	340	2,96

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). Power tool cleaning to min. St 2 (ISO 8501) may be acceptable, subject to exposure conditions.

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	Full Curing	Over coating Data	
				Minimum	Maximum
5°C	12 hrs	8 hrs	14 days	8 hrs	-
23°C	5 hrs	2,5 hrs	7 days	3 hrs	-
30°C	3 hrs	1,5 hrs	4 days	2 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 : 20 Kg, 20 L

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.