



Morazinc-HB

Product Description

Morazinc is a two-component, polyamine based zinc rich primer with high volume solid. High zinc dust content inside provides cathodic protection on metal surface. Zinc dust content of dry film thickness of the paint is suitable according to SSPC-Paint 20, Level 2 and ISO 12944. High anticorrosive protection is achieved in heavy corrosive environments by the application of suitable topcoats. The mixture shall be stirred before and during the application in order to prevent settling of zinc dust to the bottom of the drum. Second coat application is not recommended. For repairing purposes of the coating, 2-K surface tolerant epoxy mastic primers can be applied. Before topcoat application, the primer shall be waited for the flash-off time.

Intended Uses

It can be used as a primer in off-shore structures, steel bridges, petrochemical plants and various heavy corrosive environments..

Physical Properties

Physical State	: Liquid
Colour	: Grey
Volume Solid (%)	: 62 ±2
Density	: 2,40 ±0,05 kg/L
Gloss	: Matt
Flexibility	: Good

Application Data

Mixing Ratio (weight)	: 9,5 units Part A / 0,5 units Part B
Application Methods	: Airless spray, conventional spray or brush (brush can be used in small size applications)
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	: 180-220 bar
Nozzle tip	: 0,019"-0,025"
Spray angle	: 40-80°
Filter	: Check to ensure that filters are clean.

	Dry (µm)	Wet (µm)	Theoretical Coverage (m ² /L)
Typical film thickness	60	96	10,33
Maximum thickness	75	121	8,27

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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)

Drying Time

Substrate Temperature	Pot Life (max)	Touch Dry	Hard Dry	Over coating Data	
				Minimum	Maximum
10°C	10 hrs	3,5 hrs	8 hrs	Not recommended	-
23°C	6 hrs	2 hrs	4 hrs		-
30°C	4 hrs	1,5 hrs	3 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 : 25 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.