



Morapox-TR HI-BUILD

Product Description

Morapox-TR Hi-Build is a two-component, coal tar-epoxy based anticorrosive coating with high solids. Chemical resistance to water and crude oil is excellent. Can be applied at 400 µm DFT in a single coat. It can be cured even at the temperatures below 5°C.

Intended Uses

It can be used to cover outer surfaces of submerged steel or concrete pipes. Besides it is a suitable product for sewages systems

Physical Properties

Physical State	: Liquid
Colour	: Black, Brown
Volume Solid (%)	: 85 ±2
Density	: 1,47 ±0,03 kg/L
Gloss	: Semi Gloss
VOC	: 141 g/L
Flexibility	: Good

Application Data

Mixing Ratio (weight)	: 4 Part A / 1 Part B
Mixing Ratio (volume)	: 3 Part A / 1 Part B
Application Methods	: Airless spray, brush (brush for touch ups and stripe application)
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	: Check to ensure that filters are clean.

	Dry (µm)	Wet (µm)	Theoretical Coverage (m ² /L)
Typical film thickness	200	235	4,25
Maximum thickness	400	470	2,13

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	Full curing	Over coating Data	
				Minimum	Maximum
5°C	10 hrs	60 hrs	21 days	60 hrs	7 days
23°C	3 hrs	7 hrs	7 days	7 hrs	7 days
30°C	1 hrs	4 hrs	4 days	4 hrs	3 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.