



Moratex Topcoat

Product Description

Moratex is a single pack, modified acrylic based quick drying topcoat. Good weather and colour stability. Good hiding power.

Intended Uses

It is suitable for the parts above the waterline of the sea vehicles during new building and maintenance.

Physical Properties

Physical State	: Liquid
Colour	: Various
Volume Solid (%)	: 52 ± 3
Density	: 1,20 ± 0,05 kg/L
Gloss	: Semi Gloss
Flexibility	: Good

Application Data

Mixing Ratio (volume)	: Single component
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 019 Thinner
Application Notes	: Avoid applying high film thickness. Adding too much thinner reduces the sag resistance of the paint. For red, yellow, orange and green colors, 2 coats application is recommended instead of a 1 single coat

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	40	78	13,0
Maximum thickness	50	96	10,40

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

Coated surface

Use compatible primer for alkyd paint system. Please contact Moravia office for further information.

Drying Time

Substrate Temperature	Touch Dry	Hard Dry	Over coating Data	
			Minimum	Maximum
10°C	4 hrs	24 hrs	24 hrs	-
23°C	3 hrs	8 hrs	8 hrs	
35°C	1 hrs	3 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 : 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.