

Technical data sheet

NOVORUST 2550 DTM

Direct alkyd topcoat – semi-matt
One-component air-dried direct alkyd topcoat

RELATED PRODUCTS

Pigment pastes

I-900

THIN 50

Universal pigment pastes

Siccative

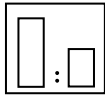


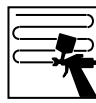
Universal thinner
standard, fast and slow


USE:

- Machines and equipment
- Outer surfaces of tanks
 - Steel structures

PROPERTIES

- Excellent efficiency
- Perfect hiding power and flowability
 - Good anticorrosion properties
- Good resistance to atmospheric conditions
 - Good mechanical resistance
- Possibility of the application up to 250 µm wet in a single layer

SUBSTRATES				
Steel	Clean steel surfaces until reaching Sa 21/2 (wet blasting) or St3 (manual cleaning or using a power tool) in accordance with the PN-ISO 12944-4 standard; the surface after the treatment must be free from oil, grease, dust, loose old paint coating, mill scale, rust and foreign contaminants; the surface should exhibit the gloss of the metal substrate.			
Old paint coatings	Mat and degrease.			
Polyester laminates	Mat and degrease.			
MIXING RATIO				
	NOVORUST 2550 DTM THIN 50	Volume ratio	Weight ratio	
		100 0-10	100 0-9	
Apply the thinner in the amount calculated for the direct topcoat.				
VISCOSITY				
	DIN 4/20°C	Unmeasurable		
CONTENT OF VOLATILE ORGANIC COMPOUNDS				
Actual VOC content		approximately 499 g/l depending on the colour		
APPLICATION CONDITIONS				
<p>The coated surface should be dry. The temperature of the coat, coated surface and environment should be between +10°C and +35°C at a maximum relative humidity of 80%. The coated surface temperature should exceed the dew point by a minimum of 3°C.</p>				
APPLICATION				
 <p>CAUTION: Instructions of the equipment manufacturer must be followed.</p>		Nozzle	Pressure	Distance
	Pneumatic spraying	1.8 ÷ 2.2 mm	2 ÷ 4 bar	15 ÷ 20 cm
	Airless spraying in air jacket	0.28 – 0.38 mm (0.011" – 0015")	100 – 120 bar Air jacket 2 bar	10 – 15 cm
	Number of layers	1 – 2		
	CAUTION: The minimum direct topcoat thickness is 120 µm on steel substrates.			
	Overall coating thickness	80-100 µm		
	Efficiency of the ready to apply mixture for a dry layer thickness in the provided range	5.2 m ² /l 0.19 l/ m ² at 100 µm		

	Flash off between layers	5 - 10 min		
Technical data:				
Product	Solids content by weight	Solids content by volume	Density	Fineness of grind
NOVORUST 2550 DTM	63 % - 67%	48% - 52%	1.35 g/cm ³	< 12.5µm
CURING TIMES				
	10°C	20°C		
Dust-free	5 hours	1,5 hours		
Dust free	10 hours	2,5 hours		
Operating hardness	24 hours	8 hours		
CAUTION: The curing times apply to the temperatures of the individual elements.				
TEMPERATURE RESISTANCE				
The operating temperature of the applied primer is between -60°C and +80°C. Transient temperatures up to +120°C maximum are permitted.				
EQUIPMENT CLEANING				
THIN 50 universal thinner or NC solvent.				
STORAGE CONDITIONS				
Store in a dry room, away from sources of flame and heat. Avoid direct exposure to sunlight. Recommended storage temperature: +5°C to +35°C.				
SHELF LIFE				
NOVORUST 2550 DTM	24 months/20 °C			
Pigment pastes	24 months/20 °C			
I-900	12 months/20 °C			
THIN 50	24 months/20 °C			
SAFETY				
See Safety Data Sheet.				
OTHER INFORMATIONS				
Registration number: 000024104.				
The effectiveness of our systems results from laboratory research and many years of experience. The data contained herein meets the current knowledge about our products and their application potential. We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to do a test application of the product due to its potentially different reaction with different materials. We may not be held liable for defects if the final result was affected by factors beyond our control.				