

Technical data sheet

NOVOTEC 3090

Alkyd topcoat fast dry – gloss
One-component modified alkyd topcoat
for air drying

RELATED PRODUCTS

Pigment pastes

I-900

THIN 50

Universal pigment pastes

Siccative

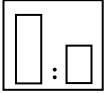




Universal thinner
standard, fast and slow

USE:

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

PROPERTIES

- Perfect hiding power and flowability
 - High yield
 - Good chemical resistance
- High resistance to atmospheric conditions
 - Good mechanical resistance

SUBSTRATES				
Acrylic, polyurethane, epoxy primers	Prepare in accordance with the information contained in the primer specifications.			
Old paint coatings	Mat and degrease.			
Polyester laminates	Mat and degrease.			
MIXING RATIO				
	NOVOTEC 3090 THIN 50	Volume ratio	Weight ratio	
		100	100	
		15%	14,5	
Apply the thinner in the amount calculated for the topcoat.				
VISCOSITY				
	DIN 4/20°C	23 – 25 s		
CONTENT OF VOLATILE ORGANIC COMPOUNDS				
Actual VOC content		approximately 495 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>	Pneumatic spraying	Nozzle 1.3 – 1.5 mm	Pressure 2 – 4 bar	Distance 15 – 20 cm
	Airless spraying in air jacket	0.28 – 0.33 mm (0.011" – 0.013 ")	100 – 120 bar Air jacket 2 bar	10 – 15 cm
	Number of layers	1 – 2		
	Single dry layer thickness.	20 – 30 µm		
	Yield of the ready to apply mixture for a dry layer thickness in the provided range	10 - 12 m ² /l 0.10 ÷ 0.08 l/ m ² at 60 µm		
	Flash off between layers	5 - 10 min		

TECHNICAL DATA				
Product	Solids content by weight	Solids content by volume	Density	Fineness of grind
NOVOTEC 3090	≈ 49 – 53%	≈ 49 – 53%	≈ 1.00 g/cm ³	< 7.5µm
CURING TIMES				
	10°C		20°C	
Dust-free	6 hours		30 min.	
Tack-free	24 hours		3 hours	
Operating hardness	48 hours		24 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				
NOVOTEC 3090	12 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.				