

Technical data sheet

PROTECT 371

Alkyd primer fast-drying

Modified fast-drying primer based on alkyd resin.

RELATED PRODUCTS

THIN 50

Universal thinner

Standard, fast and slow






USE:

- Means of transport
- Machines and equipment



PROPERTIES

- High yield
- Good hiding power and flowability
 - Good filling properties
 - Good chemical resistance
- Application of thick layers is possible
 - Good mechanical resistance

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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	Degrease and dry sand paper P220 – 360.			
Polyester putties	Dry sand, for final sanding P240 ÷ P320.			
MIXING RATIO				
	PROTECT 371 THIN 50	Volume ratio	Weight ratio	
		100	100	
		20%	16	
VISCOSITY				
	DIN 4/20 °C	30 ÷ 50 s		
SPRAYING PARAMETERS				
 CAUTION: Instructions of the equipment manufacturer must be followed.		Nozzle	Pressure	Distance
	Conventional gravity fed spray gun	1.6 ÷ 2.0 mm	3 ÷ 4 bar	15 ÷ 20 cm
	Airless spraying in air jacket	0.33 ÷ 0.38 mm (0.013" ÷ 0.015 ")	100 ÷ 120 bar Air jacket 2 bar	10 ÷ 15 cm
APPLICATION				
	Number of layers	1 ÷ 2		
	Single dry layer thickness.	35 ÷ 40 µm		
	Yield of the ready to apply mixture for a dry layer thickness in the provided range	approx. 7.5 m ² /l at 80 µm PROTECT 371		
	The actual yield depends on the surface shape, roughness and application parameters.			
	Flash off between layers	5 ÷ 10 min.		
DRYING TIME				
	For the max. thickness of 75 µm.	20°C	60 °C	
	Dust-free	1 hours	---	
	Full hardness	3 hours	20 min	

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SANDING				
	Dry sanding	P240 ÷ P500		
	Wet sanding	P400 ÷ P800		
COATABILITY				
Coatable by all NOVOL alkyd topcoats. Apply the topcoat after 45 mins at 20°C at a primer thickness of 80µm. The maximum coating time without mating is 48 h.				
TECHNICAL DATA				
Product	Solids content by weight	Solids content by volume	Density	Fineness of grind
PROTECT 371	≈ 74 %	≈ 60 %	≈ 1.4 g/cm ³	< 25µm
CONTENT OF VOLATILE ORGANIC COMPOUNDS				
VOC II/B/c limit*		540 g/l		
Actual VOC content		375 g/l		
* For the ready to apply mixture compliant with Directive UE 2004/42/CE				
APPLICATION CONDITIONS				
The coated surface should be dry. The temperature of the coat, coated surface and environment should be between +15°C and +25°C at a maximum relative humidity of 80%. The coated surface temperature should exceed the dew point by a minimum of 3°C.				
COLOUR				
Grey, black, red.				
EQUIPMENT CLEANING				
THIN 50.				
STORAGE CONDITIONS				
Store in a dry and cool room, away from sources of fire and heat. Avoid direct exposure to sunlight.				
SHELF LIFE				
PROTECT 371		6 months/20 °C		
THIN 50		24 months/20 °C		
SAFETY				
See Safety Data Sheet.				

OTHER INFORMATIONS

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.