

Technical data sheet

PROTECT 366

Anti-corrosion epoxy primer

Thick epoxy anti-corrosion primer hardened with amine adduct

RELATED PRODUCTS

H5966

Epoxy primer hardener

THIN 60

Epoxy thinner

USE:

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

PROPERTIES

- Perfect insulation properties
- Possibility of the application up to 300 µm wet in a single layer
 - Application of thick layers is possible
 - Perfect hiding power and flowability
 - Very good chemical resistance
 - Very good mechanical resistance

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	Mixture life at 20°C	2 hours		
	Flash off between layers	10 ÷ 15 min.		
CURING TIME				
	Time to sand. For the max. dry coating thickness of 130 µm.	10°C	20°C	60°C
		48 hours	24 hours	45 min.
SANDING				
	Dry sanding	P240 ÷ P500		
COATABILITY				
Topcoat application time for a 80 µm thick primer.	10°C	20°C	60°C	
	4 hours	45 min.	30 min.	
Coatable by all NOVOL topcoats. 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 366	≈ 78 %	≈ 59 %	≈ 1.68 g/cm ³	< 25µm
H5966	≈ 68%	≈ 66%	≈ 0.92 g/cm ³	——
PROTECT 366 + H5966 (4+1)	≈ 77,5%	≈ 62%	≈ 1.53 g/cm ³	< 25µm
CONTENT OF VOLATILE ORGANIC COMPOUNDS				
VOC II/B/c limit*		540 g/l		
Actual VOC content		380 g/l (for 4+1)		
		470 g/l (for 4+1 + 20% THIN 60)		
* For the ready to apply mixture compliant with Directive UE 2004/42/CE				
COLOUR MATCHING				
Not recommended.				
APPLICATION CONDITIONS				
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.				

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.	
COLOUR	
Grey.	
EQUIPMENT CLEANING	
THIN 60 epoxy thinner.	
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	
PROTECT 366	24 months/20 °C
H5966	24 months/20 °C
THIN 60	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.	