

Technical Data Sheet

# **PROTECT 372**







Temporary protection water-borne primer

## **USES:**

- Temporary water-borne protection of bodywork
- Coating entire vehicle bodies and details after power cleaning
  - Transport vehicles
  - Machines and equipment

## **PROPERTIES:**

- Up to 6 months anti-corrosion protection
  - High yield
- Weldable and tackable without removal
  - Very low VOC content
- Possibility of the application up to 100 µm wet in a single layer

SUBSTRATES				
Steel	Clean steel surfaces to Sa 2 <sup>1/2</sup> (wet blasting) or St3 (manual cleaning or with a power tool) in accordance with standard PN-ISO 12944-4; after treatment, the surface must be free of oil, grease, dust, loose old paint coating, mill scale, rust and foreign contaminants; the gloss of the metal substrate should show through.			
VISCOSITY:				
	DIN 4/20°C	50 - 70 s		
The product is ready for application by spraying. Add up to 10% water (demineralised water is recommended) to obtain the correct viscosity.				
APPLICATION				
	Stir by hand before use			
 <b>CAUTION:</b> Follow the equipment manufacturer's guidelines	Conventional gravity-fed spray gun	Nozzle	Pressure	Distance
	Airless spraying in air jacket	1.6 - 2.0 mm	3 - 4 bar	15 - 20 cm
	Number of layers	2		
	CAUTION: The minimum primer thickness is 50 µm on steel substrates.			
	Single dry layer thickness	25 - 30 µm		
	Yield of ready to use mixture for a given range of dry layer thickness	ca. 5 m <sup>2</sup> /l at 50 µm		
	The actual yield depends on the surface shape, roughness and application parameters.			
	Flash-off time between layers	15 - 20 min		
DRYING TIME				
	For the max. dry coating thickness of 50 µm..	Dust-free	10°C	20°C
		Tack-free	1.5 hours	1 hour
		Operating hardness	2 hours.	1,5 hours
			4 hours	3 hours

TECHNICAL DATA				
Product	Solids content by weight	Solids content by volume	Density	Fineness of grind
PROTECT 372	≈ 39 %	≈ 25 %	1.20 g/cm <sup>3</sup>	< 25µm
VOC CONTENT				
Actual VOC content*	24 g/l			
* VOC of the ready-to-apply mixture according to Directive 2004/42/CE for industrial plants.				
COATABILITY				
Topcoat application time for a 50 µm thick primer.	10°C		20°C	
	96 hours		72 hours	
Protect 372 can be coated with Novol epoxy and acrylic products. Tack/weld coated parts after a minimum of 72 hours after primer application. CAUTION! Protect parts coated with Protect 372 from direct exposure to atmospheric precipitation.				
APPLICATION CONDITIONS				
The coated surface must be dry. The applied coat, coated surface and ambient temperature must be between +10°C and +35°C; the relative humidity must not exceed 80%. The coated surface temperature must exceed the dew point by at least 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				
Red				
EQUIPMENT CLEANING				
Demineralised water, tap water, NC solvent.				
STORAGE CONDITIONS				
Store in a cool, dry room, away from sources of fire or heat. Avoid direct exposure to sunlight. Recommended storage temperature: +5°C - +30°C. Protect from freezing.				
SHELF LIFE				
PROTECT 372	9 months/20°C			
SAFETY				
See the Safety Data Sheet.				

## OTHER INFORMATION

Registration number: 000024104.

The effectiveness of our system stems from laboratory research and many years of experience. The data contained herein provides the most up-to-date knowledge about our products and their application potential. We guarantee high quality results, provided the user follows the instructions given, and the work is performed in accordance with good workmanship. It is essential that a test application of the product be conducted due to potentially different reactions when used with different materials. We cannot not be held liable for defects in cases where the final result was affected by factors beyond our control.