INDUSTRIAL
COATING SYSTEMS NOVOL

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

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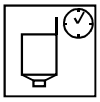
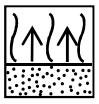
SUBSTRATES	
Steel	Clean steel surfaces to Sa $2^{1}/_{2}$ (wet blasting) or St3 (manual cleaning or with a power tool) in accordance with standard PN-ISO 12944-4; after treatment, the surface must be free of oil, grease, dust, loose old paint coating, mill scale, rust and foreign contaminants; the gloss 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			
 **CAUTION:** Follow the equipment manufacturer's guidelines		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 - 140 bar Air jacket 2 bar	10 - 15 cm
	Number of layers	2		
	Single dry layer thickness	25 - 30 µm		
	Yield of ready to use mixture for a given range of dry layer thickness	ca. 5 m^2/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		
	Operating hardness	180min/20℃
	Total hardness (time to recoat)	72 h/ 20℃

IR DRYING		
	Distance	Follow the recommendations of the equipment manufacturer
	Time depending on the type and power of lamp used.	10 - 15 min
CAUTION! Start IR heating once the final applied layer has matte appearance.		

TECHNICAL DATA

Product	Solids content by weight	Solids content by volume	Density
PROTECT 372	≈ 39 %	≈ 25 %	1.20 g/cm^3

VOC CONTENT

VOC II/B/c limit*	540 g/l
Actual VOC	24 g/l

* For ready to apply mixture acc. to EU Directive 2004/42/EC

COATABILITY

Protect 372 can be coated with Novol epoxy and acrylic products. Apply the topcoat after a minimum of 72 hours at 20℃ after the application of primer to ensure full adhesion.

Tack/weld coated parts after a minimum of 72 hours after primer application.

APPLICATION CONDITIONS

The coated surface must be dry. The applied coat, coated surface and ambient temperature must be between 5℃ and 35℃; the relative humidity must not exceed 80%. The coated surface temperature must exceed the dew point by at least 3℃.

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℃ - +30℃. Protect from freezin g.

SHELF LIFE

PROTECT 372	9 months/20℃

SAFETY

See the Safety Data Sheet.

OTHER INFORMATION

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.