

Remoplast Solvent Free DS- Airless

DESCRIPTION

Remoplast Solvent Free DS airless quality is a solvent-free, 2-component polyurethane liquid plastic used for the thick-film corrosion protection of steel surfaces, steel troughs and for steel container construction.

TYPICAL PROPERTIES

Binder basis:	Polyurethane
Density (DIN EN ISO 2811-1/+20°C):	Approx. 1.25 g/ml (mixture)
Rotation viscosity:	Approx. 14,000 MPas thixotropic (mixture)
Solid:	Approx. 100 %
Theoretical consumption:	Approx. 1.25 kg/m ² / at a dry layer thickness of 1mm
Mixture ratio:	2.5:1 parts by weight with 7D055-ST PUR- <i>Härter</i> [hardener], colourless 2.5:1 parts by weight with 7D055-ST PUR- <i>Härter</i> , colourless
Pot life at +20°C:	Approx. 25 min (10 kg container)
Colouring:	Olive yellow (further colours on request)
Gloss level:	Satin-gloss
Flashpoint:	See safety data sheet
VOC content:	See safety data sheet
Labelling:	See safety data sheet
Shelf-life:	Component A 12 months / component B 6 months in the original unopened container at storage temperatures between +10°C and +35°C Protect against frost and moisture!

APPLICATION

Application temperature:	Object temperature between +5°C and +35°C, material temperature between +20°C and 25°C; additionally applied heat accelerates the hardening process. The dew point must be 3°C below the object temperature.	
Rel. humidity:	< 85 %	
Drying: (+20°C, 65 % rel. humidity)	Dust-dry:	Approx. 4 to 6 h
	Ready to walk on:	Approx. 12 h
	Mechanically resistant:	Approx. 24 h
	Chemically fully resistant:	Approx. 7 d
Recoatibility interval: (+20°C)	Up to a maximum of 48 h	
Base:	Steel , apply directly to the blasted base or use an EP primer if required	
Pretreatment:	Blasting SA 2.5 DIN EN ISO 12944-4, average surface roughness > 50 µm	
Mixing:	Add the required amount of hardener of the main component and stir intensively by using an electrical stirrer. Then, repot the mixture in a clean container and stir it intensively once again!	
Application equipment:	High-performance 1-K-Airless spraying unit, compression > 1:64, nozzle diameter between 0.5 and 0.7 mm, spray angle between 40° and 60°, spray hose length of up to approx. 15 m 3/8 inch and 3 to 5 m 1/4 inch.	
Thinning/cleaning:	Use Remoplast Solvent Free cleaning agent thinner (only for cleaning the equipment).	
General properties:	Remoplast Solvent Free DS coatings harden without shrinking at temperatures from +1°C. They are tough-elastic, abrasion-resistant and extremely resistant to mechanical stresses.	

Chemical technical properties:

Remoplast Solvent Free DS is permanently resistant to fresh water, salt water and household detergents; it is overflow-resistant to benzines, heavy fuel oils and aromatic hydrocarbons.

PLEASE NOTE:

For further information, please see safety data sheet. Application should only take place in compliance with the safety regulations applicable in the respective country/federal state.

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These data are based on experience. As we have no influence on the processing, we are only able to guarantee the constant quality of our products. Subject to alterations.