

STACOR UR

One-component anti-corrosive coating with active pigment for manually derusted surfaces, for the repair of old coatings and for direct application to steel, stainless steel, aluminium and galvanized surfaces.

1. Product description:

STACOR UR is a one-component urethane-alkyd topcoat with active corrosion protection pigments and fast drying time. The coating is highly stable and has a long service life.

2. Range of use:

STACOR UR is used as a high-quality primer applied directly to steel after abrasive blast cleaning to Sa 2½, as well as to stainless steel, aluminium and galvanized surfaces.

It is also used as a stand-alone monolayer coating for steel in enclosed areas or as a durable multilayer coating for atmospheric exposed surfaces, e.g. for steel structures, pipelines, fencings, railings, machinery and equipment. It is also used as enamel for application on alkyd, alkyd-modified, acrylic ground coats as well as on other types of compatible coatings.

It is particularly suitable for factory application.

3. Material properties:

Colour:	Grey (or others to order from the RAL colour standard)	
Theoretical consumption:	0,100 kg/m ² at a dry film thickness of 50 microns.	
Density:	~ 1,20 g/cm ³	
Dry residue content by volume:	60 ± 3%	
Shelf life:	12 months from date of manufacture.	
Storage conditions:	In a cool and dry environment at temperature from -40 °C to +40 °C, in tightly sealed container, protecting from moisture and direct sunlight.	
Packaging norm:	STACOR UR:	25 kg (net)
Coating thickness:	Dry film thickness	– 50 microns (1 layer)
	Wet film thickness	– 84 microns (1 layer)

4. Technical data

Surface preparation:	Blast cleaning to Sa 2½ according to ISO 8501-1 (surface preparation according to ISO 12944-4). (cleaning grade 2 according to GOST 9.402). Cleaning grade Sa 2, St 2 is permissible. Free from dirt, oil and grease. Galvanized steel: the surface must be free from oil, grease and corrosion products. If condensation is possible during service, light sweep
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	blasting to ISO 12944-4 with a non-metallic abrasive is required. Stainless steel, aluminium: light sweep blasting to ISO 12944-4 with a non-metallic abrasive.		
Preparation of material:	The material is supplied ready to use. Stir thoroughly prior to application. Stop stirring when a homogeneous mixture is obtained.		
Application temperature:	Min 0 °C, max +50 °C (application at lower temperatures down to -10 °C is possible, drying time will increase).		
Relative Humidity:	30...80 % during application. During application and drying the surface temperature should be +3 °C higher than the dew point temperature.		
Application method:	By brush, roller, high-pressure spraying and airless-spraying.		
Thinner:	Xylene, Solvent R-12, Solvent R-4		
Dilution:	Generally, no dilution is necessary, but up to 5 % by weight is permissible.		
Drying conditions:		+10 °C	+20 °C
	Drying time before next layer coating	4 h	2 h
Health and safety information:	The components of the coating are combustible and contain organic solvents.		

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