

STACOR EP

Epoxy primer with active pigmentation and high dry residue for steel.

1. Product description:

STACOR EP is a 2-pack primer coat based on epoxy film former with active anticorrosion pigments and fast drying time. The coating has high stability of characteristics and long service life.

2. Range of use:

STACOR EP is used as an independent coating for the protection of metal surfaces, as well as in complex coating with polyurethane, alkyd, acrylic-urethane or epoxy enamels for the long-term protection of metal structures and other surfaces operated in atmospheric conditions of rural, urban, industrial and coastal atmospheres (up to corrosivity category C5M) according to ISO 12944.

The material is designed as a universal primer coating for use at metal construction manufacturers.

3. Material properties:

Colour:	Grey (or others to order)	
Theoretical consumption:	0,163 kg/m ² at a dry film thickness of 100 microns.	
Density:	~ 1,30 g/cm ³	
Dry residue content by volume:	80 ± 3%	
Shelf life:	12 months from the 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 EP (set):	20 kg (net)
	STACOR EP component A:	16 kg (main component)
	STACOR EP component B:	4 kg (hardener)
Coating thickness:	Dry film thickness	– 100 microns (1 layer)
	Wet film thickness	– 125 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).	
	Free from dirt, grease and oil.	
Preparation of material:	Stir component A mechanically before mixing. Mix components A+B carefully in the prescribed proportion before application.	
	Comp. A : Comp. B = 4 : 1 by weight.	

	Mixing time with an electric mixer should be at least 3 minutes. Stop mixing when a homogeneous mixture is obtained.		
Application temperature:	Min 0 °C max +50 °C (applicable also at lower temperatures down to -10 °C with winter hardener, the drying time is longer in this case).		
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. When applied by airless spraying: Nozzle diameter - 0,016...0,018 in. Initial pressure - 12...15 MPa		
Potlife:	At + 20 °C: Approx. 4 hours.		
Thinner:	Thinner st-ep, or equivalent, as agreed with the supplier.		
Dilution:	Generally, no dilution is necessary, but up to 7 % by weight is permissible.		
Drying conditions:		+10 °C	+20 °C
	Drying time before next layer coating	8 h	4 h
			+60 °C
			30 min
Health and safety information:	The components of the primer are combustible and contain organic solvents.		

These data provide information on our product and its application according to the state of the art. However, they do not guarantee the properties of the product in every particular case.

Warnings on the label must be followed. Any existing industrial property rights must be observed.

We guarantee the high quality of our products within the framework of the general terms and conditions of sale for the domestic market or for export.

As our materials are regularly improved in line with market requirements, respective technical information changes as well. Please make sure that your version is up to date before application.