

Marine & Protective Coatings

EPOSIST SFG

Code No. / Colour	Base	EPLP	1102 ochre 3900 red brown	other colour shades upon request
	Hardener	EPLX 1500	colourless	

Gloss glossy

Description EPOSIST SFG is a solvent free, high build, two components, polyamine curing epoxy resin coating, with excellent resistance against several chemicals.
For example: Crude oil up to 80°C, de-ionised water, sea water, toluene ...

Recommended use EPOSIST SFG is recommended for pipeline and tank coating.

Certification Meets the technical requirements of RD-23.020.00-KTN-184-10 "Rules of Corrosive Protection of Tanks for Storage of Oil and Light Petroleum Products", STO VNIIST 7.2-3152-0.035-2011 "The Coatings for Corrosive Protection of Internal Surfaces of Tanks for Storage of Oil." and STO VNIIST 7.2-3152-0.037-2011 "The Coatings for Corrosive Protection of Internal Surfaces or Pipes and Fittings of Oil-Field Pipelines".

Product information

Volume solid 100 %

Recommended DFT/WFT DFT = WFT 300 - 600 µm (depending on specification DFT/WFT can vary)

Theoretical coverage approx. 2,2 m²/L. (~ 1,8 m²/kg) 450 µm depending on roughness of surface and application conditions

Specific gravity approx. 1,2 g/cm³ (mixture)

Mixing ratio		Base	Hardener
	by weight:	3	1
	by volume:	2	1

Flash point > 80°C

Storage under normal conditions approx. 12 months

Application

Pot life (100 g) approx. 30 minutes (start temperature 20°C)

Method of application Preferable by airless (single or double feed) spray, brush or roller also possible.

Thinner VEP 46 (only for tool and equipment cleaning!)

Processing viscosity EPOSIST SFG should not be thinned!
EPOSIST SFG is ready to process after mixing base and hardener.

Processing temperature 10 – 30 °C

Drying time	Temperature	10 °C	20 °C	30 °C
at 65 % relative humidity				
	Dust dry	14 – 16 h	5 - 7 h	3 – 5 h
	Dry to touch	28 – 32 h	10 - 14 h	6 – 10 h
	Full cure		7 days	

During application the temperature of the surface should be at least 3°C above the dew point of the air.

Surface preparation The substrate must be free of mill-scale, rust, salt, oil, grease, moisture, previous coatings or other contamination. Best results on blasted steel areas to Sa 2½ or better.

Overcoat ability EPOSIST SFG can be over-coated with same material within min. 6 hours and max. 48 hours.

Generals

Safety precautions

- a) ensure adequate ventilation
- b) do not inhale spraymist
- c) if eyes are contaminated flush with water and ask for medical attention
- d) avoid contact with skin
- e) for further information refer to the safety data sheets

World-wide availability Minor product modifications may exist in order to comply with legislation or particular local conditions.