Technical Data Sheet

TRIOCOR RVS 9510

Epoxy phenolic coating

DESCRIPTION:

A two-pack epoxy phenolic coating.

TYPE AND RECOMMENDED USE:

For protection the internal surface of tanks and tanks for storage of industrial water, salt solutions, mineral oil, crude oil, petroleum products; isolated pipelines and equipment from carbon and stainless. Suitable for operating temperatures in a dry environment from minus 196 °C to plus 200 °C.

PHYSICAL CONSTANTS:

Colour: grey, red

Volume solids: 73 ±3 %

Theoretical spreading rate: 0.137 ltr/m^2 – at 100 microns DFT

Film thicknesses:

Recommended thickness of one coat

Film thicknesses	WFT, microns	DFT, microns
Minimum	137	100
Maximum	340	250

It is recommended to obtain a thickness of 2 or 3 coats

Drying and recoating times:

Drying times at 150 microns DFT				
Surface temperature	5 °C	20 °C	30 °C	40 °C
Drying to degree 3	14 hours	6 hours	4 hours	3 hours
Recoating time				
Minimum	20 hours	8 hours	6 hours	5 hours
Maximum	1 months			

The drying time depends on the thickness. These drying times are given as a guide only. Factors such as air movement and humidity must also be considered.

If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure Intercoat adhesion.

Technical Data Sheet

SURFACE PREPARATION:

Apply only on a dry and clean surface from carbon, stainless steel, concrete with a temperature at least 3 °C above the dew point.

There are following the surface of carbon preparation stages: remedy imperfections to P2 ISO 8501-3; remove oil and grease (if necessary; recommended solvent – P4); blast clean to Sa $2^1/_2$ GOST P ISO 8501-1-2014 with average surface profile in the range 50 - 75 microns; remove salt if necessary; the surface is dedusting to degree 2 with particle size do not exceed rating 2 of ISO 8502-3.

Preparation the surface of stainless, concrete are given in application manual.

APPLICATION DETAILS:

Material preparation:	A two-component material. Mix the base and component separately before mixing. Mixing Ratio: 8 parts of Base to 1 part of Additive by volume with careful mixing of the mixture
Pot life:	2 ½ hours – 15 °C 2 hours – 20 °C
Application method:	Airless spraying / Manual application.
Thinner:	Thinner TRIOSOLV 0002 (if necessary), up to 10 % by volume at airless spraying. For detailed information, contact «O3-Coatings».
Nozzle size (recommended):	.015” - .019”
Operating pressure (recommended):	Not less than 200 bar
Cleaning of tools:	TRIOSOLV 0002. (Can be to use other solvents in agreement with the company "O3-Coutings”)
Application conditions:	Should be applied at temperatures above plus 5 °C; Relative humidity: 85% maximum; (In closed rooms it is necessary to provide supply-and-exhaust ventilation during application and drying to the extent necessary).
STORAGE:	12 months from date of manufacture. Product should be stored in dry, dark space at temperatures between plus 5 °C to plus 30 °C in the original sealed packaging, avoiding direct exposure to UV-rays and other sources of heat.
PACKAGE:	Supplied as a kit in separate containers.
HEALTH AND SAFETY:	Refer to the Safety Data Sheet before use.