



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 salt solutions, crude oil, petroleum products; isolated pipelines and equipment from carbon and stainless steel. Suitable for operating temperatures up to 200 ° C.

PHYSICAL CONSTANTS:

Colour: Grey, red.

Volume solids: 65±5 %

Theoretical spreading rate: 0.192 ltr/m² – 125 microns DFT

Film thicknesses:

Typical thicknesses

Film thicknesses	WFT, microns	DFT*, microns
Minimum	123	80
Maximum	230	150

*It is not recommended to apply TRIOCOR PBC 9510 in the thickness, more than in 2 times exceeding the maximum thickness of a dry film.

Drying times:

Drying times for 125 microns DFT				
Substrate temperature	5°C	23°C	30°C	40°C
To touch	6 hours	3 hours	2 hours	1 hour
To recoat:				
Minimum	10 hours	4 hours	3 hours	2 hours
Maximum	14 days	14 days	14 days	14 days

Drying time is thickness dependent. These figures are given as a guide only. Factors such as air movement and humidity must also be considered.

If the maximum overcoating 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 with a temperature at least 3°C above the dew point. There are following surface preparation stages: remedy imperfections to P2 ISO 8501-3; remove oil and grease (if necessary); remove salt if necessary; blast clean to Sa 2 ^{1/2} GOST P ISO 8501-1-2014 with average surface profile in the range 50 - 75 microns; dust, blast abrasives shall be removed from the surface after blast cleaning such that the particle quantity and particle size do not exceed rating 2 of ISO 8502-3.
APPLICATION DETAILS:	
Material preparation:	A two component material supplied in separate containers to be mixed prior to use. Before mixing with the Additive stir the Base thoroughly in order to redisperse any possible settling after storage. Mixing Ratio: 5 parts Base to 1 part Additive by volume, maintain stirring to have the wet paint as a homogeneous mixture.
Pot life:	2 ½ hours – 15°C 2 hours – 23°C
Application method:	Airless Spray. .
Thinner:	TRIOSOLV 0002 (if necessary), up to 5% (max. vol.) for application by airless spray. Contact your O3-Coatings representative for additional data.
Nozzle size:	.018" - .026"
Operation pressure:	Not less than 230 bar.
Cleaning of tools:	TRIOSOLV 0002. For using other thinners contact your O3-Coatings representative for additional data.
Application conditions:	Should be applied at temperatures above +5°C; Relative humidity: 85% maximum; (In confined spaces provide adequate ventilation during application and drying).
RECOMMENDED SYSTEMS:	
STORAGE:	12 months from date of manufacture or "Use By" date where specified. Store in dry, shaded conditions at temperature between +5°C and +30°C in hermetic original package away from 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.