TP62

TEMAZINC 77
TEMACOAT GPL-S MIO
TEMATHANE 50

The polyurethane systems TP62 are suitable for steel surfaces exposed to severe climatic conditions. The primer of the system, TEMAZINC 77, a zinc rich epoxy paint, offers cathodic protection. TEMATHANE 50 polyurethane gives an easy to clean finish with good gloss and colour retention properties. The systems are suitable for application both in the field and in painting shops.

Corrosivity categories/durability according to ISO 12944	Tikkurila Coatings code		Treatment
Steel surfaces			
Corrosivity categories C3, C4 Steel surfaces in urban, maritime and industrial environment with high humidity and pollution.	**TP62**	**EPZn(R)EPPUR200/3-FeSa2½**	
	TEMAZINC 77		40 µm
	TEMACOAT GPL-S MIO		100 µm
	TEMATHANE 50		60 µm
		DFT	200 µm
Corrosivity categories C4, C5 Steel surfaces in urban, maritime and industrial environment with high humidity and pollution.	**TP62**	**EPZn(R)EPPUR240/4-FeSa2½**	
	TEMAZINC 77		40 µm
	TEMACOAT GPL-S MIO		2 x 75 µm
	TEMATHANE 50		50 µm
		DFT	240 µm
Corrosivity categories C4, C5 Steel surfaces in urban, maritime and industrial environment with high humidity and pollution.	**TP62**	**EPZn(R)EPPUR310/5-FeSa2½**	
	TEMAZINC 77		40 µm
	TEMACOAT GPL-S MIO		2 x 85 µm
	TEMATHANE 50		2 x 50 µm
		DFT	310 µm

Marking of paint systems: TP62-EPZn(R)EPPUR240/3-FeSa2½

COLOURS

The product is tintable with TEMASPEED colorants, thus ensuring the possibility to get shades from RAL-, BS-, NCS- and other colour cards.

SUITABLE SHOP PRIMERS

SD ZINC 1000 HA, zinc silicate.
(temporary protection, should be removed before TEMAZINC 99 application)

SURFACE PREPARATION

Remove firm contaminations in order to make the cleaning easier. Remove salts, grease and oil with a suitable detergent. Rinse the surfaces thoroughly with water.(ISO 12944)

Steel surfaces:
Blast clean steel surfaces to preparation grade Sa 2½. (ISO 8501 - 1)

APPLICATION CONDITIONS

The surface must be clean and dry and the surface temperature should remain at least 3 °C/ 5 °F above the dew point. During application and drying the temperature of the air, paint and surface should be a minimum of + 10 °C/50 °F. The relative humidity should not exceed 80 %.

APPLICATION

The paint should be mixed thoroughly before application and then applied in an even coat on the dry and clean surface. Application with airless or conventional spray, brush or roller. Stripe coating of sharp edges, welding seams etc. should be done by brush or roller.

MAINTENANCE PAINTING

Maintenance
Touch-up painting is sufficient for maintenance when the rust grade is Ri1 - Ri3.
(ISO 4628-3)
Damages caused by transport or installation may also be repaired by touch-up painting. Remove all loose paint, clean rusty areas according to system demands. On steel surfaces small areas can be grinded or wire brushed to preparation grade St2 (SFS-ISO 8501-1).
Level off the edges between the old paint film and the cleaned up areas. When using blast cleaning, be sure that there are no cracks in the remaining paint film. If the entire surface has to be overcoated, abrade the old topcoat to a rough finish. Remove all dust and other cleaning residues. Apply primers and finish according to the original paint system, qualities and film thicknesses.

Repainting
When the rust grade is Ri4 or Ri5, the entire coating must be renewed. Remove the old paint film and clean the surfaces to preparation grade Sa 2½. Recoat in accordance with the original paint system.

PRODUCT INFORMATION

More detailed product information is available in respective data sheets.

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The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.