

TP26

TEMABOND ST 200 TEMADUR 50

The polyurethane systems TP26 are recommended for steel constructions when blast cleaning is not achievable. The primer, TEMABOND ST 200 forms a very tight, abrasion and chemically resistant coat due to the aluminium pigments. The paint has good adhesion to tool cleaned surfaces. The systems are suitable as touch-up and maintenance for objects, which have originally been treated with polyurethane systems TP20, TP21, TP22 and TP31. TEMADUR 50, polyurethane paint, gives an easy to clean finish with good gloss and colour retention properties. The TP26 systems are most suitable as field applications.

Corrosivity categories/durability according to ISO 12944	Tikkurila Coatings code	Treatment
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Steel surfaces

Corrosivity categories/durability C2, C3

Steel surfaces, indoors and outdoors, in clean urban and rural environment, providing high demands on aesthetics and durability of the paint film.

TP26	EPPUR120/2-FeSt2	
TEMABOND ST 200		80 µm
TEMADUR 50		<u>40 µm</u>
	DFT	120 µm

Corrosivity categories/durability C2, C3

Steel surfaces, outdoors, in urban and rural environment, providing high demands on aesthetics and durability of the paint film. According to SFS 5873, system R25.05

TP26	EPPUR160/2-FeSt2	
TEMABOND ST 200		120 µm
TEMADUR 50		<u>40 µm</u>
	DFT	160 µm

Corrosivity categories/durability C3, C4

Steel surfaces in urban, maritime and industrial environment, providing high demands on aesthetics and durability of the paint film.

TP26	EPPUR200/2-FeSt2	
TEMABOND ST 200		160 µm
TEMADUR 50		<u>40 µm</u>
	DFT	200 µm

Corrosivity categories/durability C4, C5-I, C5-M

Steel constructions and equipment, which are exposed to gas and chemical dust etc., providing high demands on aesthetics, durability and easiness to clean of the paint film. According to SFS 5873, system R25.07

TP26	EPPUR240/3-FeSt2	
TEMABOND ST 200		2 x 100 µm
TEMADUR 50		<u>40 µm</u>
	DFT	240 µm

Corrosivity categories/durability C4, C5-I, C5-M

Steel constructions and equipment, which are exposed to gas and chemical dust etc., providing high demands on aesthetics, durability and easiness to clean of the paint film. According to SFS 5873, system R25.09

TP26	EPPUR280/3-FeSt2	
TEMABOND ST 200		2 x 120 µm
TEMADUR 50		<u>40 µm</u>
	DFT	280 µm

Marking of paint systems: TP26-SFS EN ISO 5873/R25.07 (EPPUR240/3-FeSt2)

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

TEMABLAST EV 110, epoxy shop primer.
SD ZINC 1000 HA, zinc silicate

SURFACE PREPARATION	<p>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)</p> <p>Steel surfaces: Power tool or wirebrush cleaning of steel surfaces to at least preparation grade St2, the best result is achieved by blast cleaning. (ISO 8501 - 1).</p>
APPLICATION CONDITIONS	<p>The surface must clean and dry and the surface temperature should remain at least 3 °C above the dew point. During application and drying the temperature of the air, paint and surface should be a minimum of + 10 °C. The relative humidity should not exceed 80 %.</p>
APPLICATION	<p>The paint should be mixed thoroughly before application and then applied in an even coat on the dry and clean surface. Stripe coating of sharp edges, welding seams etc. should be done by brush or roller.</p>
MAINTENANCE PAINTING	<p>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.</p> <p>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.</p>
PRODUCT INFORMATION	<p>More detailed product information is available in respective data sheets.</p>

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