

TP56

**TEMABOND ST 200
TEMATHANE 50**

The polyurethane systems TP56 are suitable as touch-up and maintenance painting of steel surfaces, difficult to clean, exposed to severe climatic conditions. The primer of the system, TEMABOND ST 200, a high solids epoxy paint forms, owing to the aluminium pigmentation, a very tight, abrasion and chemically resistant film. Providing good wetting properties the paint has good adhesion also to power tool cleaned surfaces.

Corrosivity categories/durability according to ISO 12944	Tikkurila Coatings code	Treatment
Steel surfaces		
Corrosivity categories C2, C3 Internal steel surfaces and outdoor in clean, rural environment, with high demands on aesthetics and durability of the paint film.	TP56 TEMABOND ST 200 TEMATHANE 50	EPPUR120/2-FeSt2 80 µm <u>40 µm</u> DFT 120 µm
Corrosivity categories C2, C3 Steel surfaces in urban and industrial environment, with high demands on aesthetics and durability of the paint film. According to SFS 5873, system R25.05	TP56 TEMABOND ST 200 TEMATHANE 50	EPPUR160/2-FeSt2 120 µm <u>40 µm</u> DFT 160 µm
Corrosivity categories C3,C4 Steel surfaces in urban, maritime and industrial environment, with high demands on aesthetics and durability of the paint film.	TP56 TEMABOND ST 200 TEMATHANE 50	EPPUR200/2-FeSt2 160 µm <u>40 µm</u> DFT 200 µm
Corrosivity categories C4, C5-I, C5-M Steel surfaces exposed to chemical dust, gases and other special strains, with demands on good gloss retention and durability. According to SFS 5873, system R25.07	TP56 TEMABOND ST 200 TEMATHANE 50	EPPUR240/3-FeSt2 2 x 100 µm <u>40 µm</u> DFT 240 µm

Marking of paint systems: TP56-SFS 5873/R25.7 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: Blast clean steel surfaces to preparation grade Sa 2½. (ISO 8501 - 1)</p>
APPLICATION CONDITIONS	<p>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. 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. Application with airless or conventional spray, brush or roller. 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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