

TX10
TEMASIL 90
TX25
TEMASIL 90
TEMAL 400
TX26
TEMASIL 90
TEMAL 600
Corrosivity categories/durability according to ISO 12944
Tikkurila Coatings code
Treatment
Steel surfaces
Corrosivity categories/durability C2, C3, C4 and heat

Steel surfaces exposed to weather, oil, solvents mechanical abrasion and heat. A protective coating similar to galvanizing. Withstands + 400 °C dry heat. E.g. inside of fuel and solvent tanks, hatch covers, car decks etc.

According to SFS 5873, systems F20.05, F22.06

TX10
TEMASIL 90

ESIZn(R)70/1-FeSa2½
DFT
70 µm
70 µm

Marking of paint systems: TX10-SFS 5873/F20.05 ESIZn(R)70/1-FeSa2½
Exposed to heat

Steelsurfaces, exposed to heat, in urban, maritime and industrial environment when providing aesthetics of the coat.

The system withstands + 400 °C.

TEMAL 400, black.

TX25
TEMASIL 90
TEMAL 400

ESIZn(R)SI90/2-FeSa2½
DFT
70 µm
20 µm
90 µm

Exposed to heat

Steelsurfaces, exposed to heat, in urban, maritime and industrial environment when providing aesthetics of the coat.

The system withstands + 400 °C.

TEMAL 600, aluminium.

According to SFS 5873, system F20.06

TX26
TEMASIL 90
TEMAL 600

ESIZn(R)SI90/2-FeSa2½
DFT
70 µm
20 µm
90 µm

COLOURS

TEMASIL 90, grey and greenish grey.
TEMAL 400, black
TEMAL 600, aluminium

SUITABLE SHOP PRIMERS

SD ZINC 1000 HA, zinc silicate
(Temporary protection, before TEMAZINC 99 application the shop primer has to be removed)

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 Sa2½. (ISO 8501 - 1)</p>
APPLICATION CONDITIONS	<p>The surface must 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 at least;</p> <p>TEMASIL 90 - 15 °C, the relative humidity should be 50 - 90 %.</p> <p>TEMAL 400, 600 + 5 °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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