
TF27 **FONTECOAT EP 60**

The waterborne epoxy systems TF27 are suitable for steel constructions exposed to mechanical and chemical stress, not for immersion. FONTECOAT EP 60 is an anti-corrosive pigmented epoxy paint, can also be used as a single coat paint. Because the paint is waterborne the use does not cause danger of fire or harm of solvents in the application spaces.

Corrosivity categories/durability according to ISO 12944	Tikkurila Coatings code	Treatment
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Steel surfaces**Corrosivity categories/durability C1, C2**

Steel constructions in cold indoor spaces and outdoors in clean rural environment. E.g. framework and service platforms in factories. A single coat system. According to SFS 5873, system F20.04

TF27 FONTECOAT EP 60	EP100/1-FeSa2½ DFT	<u>100 µm</u> 100 µm
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S1.28, S2.16, S3.17**Corrosivity categories/durability C2-H, C3-M**

Steel surfaces in urban and industrial environment and exposed to abrasion. E.g. framework and service platforms in factories.

TF27 FONTECOAT EP 60	EP160/2-FeSa2½ DFT	<u>2 x 80 µm</u> 160 µm
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S1.34, S3.19, S4.13**Corrosivity categories/durability C3-H, C4-M**

Steel constructions, machines and equipment in pulp and paper industry, exposed to severe splashes and chemical dust and abrasion.

TF27 FONTECOAT EP 60	EP240/3-FeSa2½ DFT	<u>3 x 80 µm</u> 240 µm
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Marking of paint systems: TF27-SFS EN ISO 12944-5/S3.17 (EP160/2-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

TEMABLAST EV 110, epoxy.
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 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 at least of +15°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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