

TE54
TEMALINE LP PRIMER
TEMALINE LP 60
TE55
TEMALINE LP PRIMER

The epoxy systems TE54-TE55 are suitable for coating of steel surfaces exposed to chemicals, water, oil and gasoline. Chemical resistance, see separate table. The systems are suitable for inside coating of water tanks and pipelines.

Corrosivity categories according to ISO 12944	Tikkurila Coatings code	Treatment
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Steel surfaces
Corrosivity categories Im1, Im2

Inside of tanks and basins exposed to water, chemical solutions, kerosene, fuel and raw oil, immersion and splashes. According to SFS 5873, system F22.04

TE54	EP300/3-FeSa2½
TEMALINE LP PRIMER	2 x 100 µm
TEMALINE LP 60	<u>100 µm</u>
DFT	300 µm

Corrosivity categories Im1, Im2

Inside of tanks and basins exposed to water, chemical solutions, kerosene, fuel and raw oil, immersion and splashes.

TE55	EP250/2-FeSa2½
TEMALINE LP PRIMER	<u>2 x 125 µm</u>
DFT	250 µm

Marking of paint systems: TE54-SFS 5873/F22.04 EP300/3-FeSa2½

COLOURS

TEMALINE LP PRIMER, light grey and red.
TEMALINE LP 60, white.

SUITABLE SHOP PRIMERS

The surfaces should be blast cleaned so that only traces of used shop primer are left, the surface should be evenly grey, Sa2½. The surface profile should be rough. (SFS-ISO 8503-2)

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 gradeSa 2½. (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 minimum of + 10 °C/50 °F. 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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