

TA44
**TEMAPRIME ML
TEMALAC FD 50**

The alkyd systems TA44 are suitable for steel constructions, machinery and equipment exposed to climatic conditions. The primer of the system, TEMAPRIME ML is fast drying and owns good anticorrosive properties. The systems are suitable for application in painting shops and maintenance painting.

| Corrosivity categories/durability according to ISO 12944 | Tikkurila Coatings code | Treatment |
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| Steel surfaces | | |
| S1.04, S2.01 Corrosivity categories/durability C1, C2-M Internal steel constructions, machinery and equipment. According to SFS 5873, system R25.01 | TA44 TEMAPRIME ML TEMALAC FD 50 | AK80/2-FeSt2 DFT 40 µm <u>40 µm</u> 80 µm |
| S1.07, S2.04, S3.02 Corrosivity categories/durability C2-M, C3-L Steel constructions in cold indoor spaces and outdoors in clean rural environment. E.g. building frameworks and platforms in warehouses and work shops. | TA44 TEMAPRIME ML TEMALAC FD 50 | AK120/2-FeSa2½ DFT 80 µm <u>40 µm</u> 120 µm |
| S1.09, S2.06, S3.04 Corrosivity categories/durability C2-H, C3-M Steel constructions, machinery and equipment outdoors in urban, maritime and industrial environment. | TA44 TEMAPRIME ML TEMALAC FD 50 | AK160/2-FeSa2½ DFT 80 µm <u>80 µm</u> 160 µm |

Marking of paint systems: TA44-SFS-EN ISO 12944-5/S3.02 (AK120/2-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 shop primer.

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| 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 minimum of +5 °C/41 °F. The relative humidity should not exceed 85 %.</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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