

TA31

TEMAPRIME EUR TEMALAC FD 50

The alkyd systems TA31 are suitable for steel constructions, machinery and equipment exposed to climatic conditions. The primer of the system, TEMAPRIME EUR is fast drying and owns good anticorrosive properties. The systems are most suitable for application in painting shops with high productivity.

Corrosivity categories/durability according to ISO 12944	Tikkurila Oy code	Treatment	
Steel surfaces			
A2.01 Corrosivity categories/durability C2-L Steel constructions, machinery and equipment indoors. According to SFS 5873, system F20.01 but with surface preparation grade FeSa2.	TA31 TEMAPRIME EUR TEMALAC FD 50	AK80/2-FeSa2½ DFT	40 µm <u>40 µm</u> 80 µm
A1.03, A2.02, A3.01 Corrosivity categories/durability C2-M, C3-L Steel constructions in cold indoor spaces and outdoors in clean rural environment. E.g. frameworks and platforms in warehouses and work shops.	TA31 TEMAPRIME EUR TEMALAC FD 50	AK120/2-FeSa2½ DFT	80 µm <u>40 µm</u> 120 µm
A1.04, A2.03, A3.02 Corrosivity categories/durability C2-H, C3-M Steel constructions, machinery and equipment outdoors in urban, maritime and industrial environment. E.g. outside of tanks and different kinds of steel structures.	TA31 TEMAPRIME EUR TEMALAC FD 50	AK160/2-FeSa2½ DFT	80 µm <u>80 µm</u> 160 µm

Marking of paint systems: TA31-SFS-EN ISO 12944-5/A3.01 (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.

SURFACE PREPARATION	Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4) Steel surfaces: Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.
APPLICATION CONDITIONS	The surface must be clean and dry and the surface temperature should remain at least 3 °C above the dew point. During application and drying the temperature of the air, paint and surface should be a minimum of +5 °C. The relative humidity should not exceed 85 %.
APPLICATION	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.
MAINTENANCE PAINTING	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. 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 Sa2½. Recoat in accordance with the original paint system.
PRODUCT INFORMATION	More detailed product information is available in respective data sheets.

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