

TA21

TEMAPRIME AB TEMALAC AB 70

The alkyd systems TA21 are suitable for steel constructions, machinery and equipment exposed to climatic conditions. The primer of the systems, TEMAPRIME AB contains zinc phosphate pigments and due to that owns good anticorrosive properties and good adhesion also to tool clean surfaces.

Corrosivity categories/durability according to ISO 12944	Tikkurila Coatings code	Treatment
Steel surfaces		
S1.04, S2.01 Corrosivity categories/durability C1, C2-L Internal steel constructions, machinery and equipment. Suitable for brush application. According to SFS 5873 system R25.01	TA21 TEMAPRIME AB TEMALAC AB 70	AK80/2-FeSt2 DFT 40 µm <u>40 µm</u> 80 µm
S1.06, S2.03, S3.01 Corrosivity categories/durability C2-M, C3-L Steel constructions, machinery and equipment in cold indoors spaces and outdoors in clean rural environment.	TA21 TEMAPRIME AB TEMALAC AB 70	AK120/3-FeSt2 DFT 2 x 40 µm <u>40 µm</u> 120 µm
S1.08, S2.05, S3.03 Corrosivity categories/durability C2-M, C3-L Steel constructions, machinery and equipment outdoors in urban, maritime and industrial environment. E.g. outside of tanks and various steel constructions.	TA21 TEMAPRIME AB TEMALAC AB 70	AK160/4-FeSt2 DFT 2 x 40 µm <u>2 x 40 µm</u> 160 µm

Marking of paint systems: TA21-SFS-EN ISO 12944-5/S2.03 (AK120/3-FeSt2)

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

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)

Steel surfaces:

Steel surfaces should be wire brushed to preparation grade St2 (ISO 8501-1). The best result is obtained by blast cleaning to preparation grade Sa2½ .

APPLICATION CONDITIONS

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/50 °F. 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 Sa 2½. Recoat in accordance with the original paint system.

PRODUCT INFORMATION

More detailed product information is available in respective data sheets.

tctuates\metalli\system\ta21\daki22.82001