TF37

Fontecryl SC 50

The waterborne systems TF37 are suitable for steel surfaces exposed to climatic conditions. The waterborne systems make it possible to reduce the solvent emissions and are therefore more environmentally friendly. Fontecryl SC 50 acrylic paint is recommended to be used especially as a single coat paint system for steel structures indoors and outdoors. Anticorrosive pigmented Fontecryl SC 50 is a fast drying acrylic paint and it is suitable for application both in field and in painting shops.

Corrosivity categories/durability according to ISO 12944	Tikkurila Oy code		Treatment
Steel surfaces			
Corrosivity categories/durability C2	**TF37**	**AY80/1-FeSa2½**	
Steel constructions, machines and equipment indoors and outdoors in rural environment.	Fontecryl SC 50		80 µm
		DFT	80 µm
Corrosivity categories/durability C3-L	**TF37**	**AY160/2-FeSa2½**	
Steel structures, machines and equipment outdoors in urban and industrial environment.	Fontecryl SC 50		80 µm
	Fontecryl SC 50		80 µm
		DFT	160 µm

Marking of paint systems: TF37-AY80/1-FeSa2½

COLOURS	The product is tintable with Temaspeed Fonte 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.

Primed surfaces: Oil, grease, salt and dirt are removed from the surface by appropriate means. Repair any damage to the primer coat. Note the overcoating time of primer. (ISO 12944-4)

APPLICATION CONDITIONS

The surface must be clean and dry and the surface temperature should remain at least 3ºC above the dew point. During application and drying the temperature of the air, paint and surface should be a minimum of +15ºC. The relative humidity should not exceed 70%.

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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