



## TS16B

### TEMACOAT HS-F PRIMER TEMASILOX

The polysiloxane system TS16B is suitable for steel surfaces exposed to severe climatic conditions. Temasilox polysiloxane paint forms an easy to clean finish with good gloss and colour retention properties. The system is suitable for application both in the field and in painting shops.

#### Corrosivity categories according to ISO 12944

#### Tikkurila code

#### Treatment

#### Steel surfaces

(12944-6:2018)

#### Corrosivity categories/durability C3-VH, C4-H, C5-M

Steel surfaces outdoors in severe urban, coastal and industrial environment with high demands on aesthetics and resistance.

#### TS16B

TEMACOAT HS-F PRIMER

TEMASILOX

DFT

#### EPPS200/2-FeSa2½

120 µm

80 µm

200 µm

Marking of paint systems: TS16B-12944-6:2018 EPPS200/2-FeSa2½

#### COLOURS

Temasilox is tintable with TEMASPEED Premium 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**

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.

**Zinc surfaces:**

Sweep blast-clean with mineral abrasives, e.g. quartz sand, to an even roughness. (SaS, SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrading

Hot dip galvanized surfaces are recommended to be painted with a misty coat (paint thinned 25–30%) before the actual priming.

Damages in the zinc coating must be repaired with Temazinc 99, a zinc rich epoxy paint. Before painting, clean the surfaces thoroughly (Sa2½/St3) and level off the edges around the cleaned areas.

**APPLICATION CONDITIONS**

The surface must be clean, 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 80 %.

**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 enough 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 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.

HNO200323