



Temadur 50

OPIS

A two component, semigloss polyurethane paint, hardener aliphatic isocyanate.



KARAKTERISTIKE PROIZVODA

Recommended as a semigloss topcoat for epoxy and polyurethane systems exposed to weathering and/or chemical stress.

Preporučena upotreba

Recommended for painting of transport and haulage equipment, storage tank exteriors, steel framework and other steel structures, machinery and equipment.

TEHNIČKI PODACI

Features

Excellent weathering and abrasion resistance. A durable, easy to clean and non-chalking topcoat with good gloss and colour retention. • The product has MED (Marine Equipment Directive) certificate no VTT-C-11167-15-14 and is thus accepted for painting surfaces inside the ships.

Colour Cards

RAL, NCS, SSG, BS, MONICOLOR NOVA and SYMPHONY colour cards. TEMASPEED tinting.

Gloss groups

Semi-gloss

Pokrivnost

Recommended film thicknesses		Theoretical coverage
dry	wet	
40 µm	70 µm	14.0 m ² /l
60 µm	110 µm	9.3 m ² /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Razređivač

1048, 1067 and 1061

Mixing ratio

Base 5 parts by volume 506-series
Hardener 1 part by volume 008 7590

Metod primene

By airless or conventional spray or by brush.

Pot-life (+23°C)

4 hours

Drying times

DFT 50 µm	+ 5 °C	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry, after	45 min	30 min	15 min	10 min



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Touch dry, after	8 h	6 h	4 h	2½ h
Recoatable, after	No limitations.			

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Sadržaj čvrste materije 56 ± 2 % volume % (ISO 3233)
70 ± 2 % weight %

Gustina 1.3 ± 0.1 kg / l (mixed)

Šifra proizvoda 506-series

MED Certificate  [VTT C 11167 15 14 Temadur20 50](#)

DETALJI PRIMENE

Uslovi za primenu All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below + 5 °C during application or drying. Relative humidity should not exceed 80 %. The surface temperature of the steel should remain at least 3 °C above the dew point.

Priprema 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)

Priming Temacoat GPL-S Primer, Temacoat GPL-S MIO, Temacoat SPA, Temacoat RM 40, Temabond, Temadur 20 and Fontecoat EP 50.

Finishing Temadur and Temathane.

Premazivanje By airless or conventional spray or by brush. In order to obtain an even, non-porous finish at the airless spray application the viscosity should be 30 - 60 s DIN4. Depending on the temperature of the components (base, hardener, thinner) and the required viscosity the paint should be thinned 10 - 23 %. Airless spray nozzle tip 0.011" - 0.017" and nozzle pressure 120 - 160 bar. Spray angle shall be chosen according to the shape of the object.

At brush application the paint should be thinned according to the circumstances.

Mixing of components First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use mechanical mixer for mixing.

Čišćenje alata Thinner 1048, 1067 or 1061.

EU VOC 2004/42/EC ograničena vrednost The Volatile Organic Compounds amount is 420 g/litre of paint mixture. VOC content of the paint mixture (thinned 23 % by volume) is 495 g/l. Only for industrial use.

KLASIFIKACIJA ZA BEZBEDNOST I ZDRAVLJE

u skladu sa Regulativom (EC) No. 1272/2008



Temadur 50

Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Tikkurila Oyj.

Safety data sheet

 [TEMADUR 50 \[GB-ENG\]](#)

Thinner safety data sheet

 [THINNER 1048 \[GB-ENG\]](#)

Hardener safety data sheet

 [HARDENER 008 7590 \[GB-ENG\]](#)

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.

[Nazad](#)