

Temathane PC 50

Beskrivelse

A high-solids two-component, semi-gloss polyurethane paint, hardener aliphatic isocyanate.

Produktegenskaber og anbefalet brug

- Excellent choice when a high-solids topcoat with extremely good gloss and color retention is required
- Prequalified in the NORSOK system 1 and therefore an excellent choice for the most demanding application areas such as offshore environments, refineries, power plants and bridges
- Excellent weather and abrasion resistance. It forms easy-to-clean and non-chalking topcoat with good gloss and color retention
- Used as a semi-gloss topcoat for epoxy systems exposed to weathering
- Recommended for painting of storage tank exteriors, steel buildings and other steelwork

TEKNISK DATA

Volumen tørstof

65±2% (ISO 3233)

Vægt tørstof

76±2%

Massefylde

1.3 ± 0.1 kg / l (mixed)

Blandingsforhold

Base 5 parts by volume Temathane PC 50
Hardener 1 part by volume 008 7690 or 008 7590

Pot life(+23°C)

1½ hours

Anbefalet lagtykkelse og teoretisk rækkeevne

Recommended film thicknesses		Theoretical coverage
wet	dry	
125µm	80µm	8.1 m²/l

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

Tørretid

DFT 80µm	+5°C	+10°C	+23°C	+35°C
Dust dry, after	2h	1h 15min	1h	20min
Touch dry, after	10h	8h	6h	3½h
Recoatible, after	No limitations.			

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

Glans

Halvblank.

Farver

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

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PÅFØRINGSINSTRUKSER

Forbehandling	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)
Anbefalede primere	Temacoat GPL-S Primer, Temacoat GPL-S MIO, Temacoat GF Primer, Temacoat RM 40, Temacoat Primer, Temacoat SPA Primer, Temabond ST 200, Temabond ST 300, Temadur 20, Temadur Primer, Temaprime GF, Temadur 10, Temacoat HS-F Primer.
Anbefalede topcoats	Temathane PC 50, Temathane PC 80, Temadur Clear.
Påføringsforhold	All surfaces must be clean, dry and free from contamination. The temperature of the ambient air, surface and paint should not fall below +5°C during application and drying. Relative humidity of the air should not exceed 80% during application and drying. The surface temperature of steel should remain at least 3°C above the dew point. Good ventilation and sufficient air movement is required in confined areas during application and drying.
Blanding af komponenter	First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use power mixer for mixing. Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface and weaken the properties of the coating.
Påføring	In order to obtain an even, non-porous finish, spray a misty coat: first a thin layer, then let the solvents evaporate for 5–30 minutes and then apply the full coat. For airless spraying, the product is thinned depending on the temperature of the components (base, hardener, thinner) approximately 0–15%. Recommended nozzle tip is 0.011"–0.013" and pressure 120–160 bar. Spray angle shall be chosen according to the shape of the object. For conventional spraying, the product is thinned depending on the temperature of the components (base, hardener, thinner) approximately 5–15%. Recommended nozzle tip is 1.6–1.8 mm and pressure 3–4 bar.
Fortyndere	Thinner 1048, Thinner 1067, Thinner 1061 Thinner 1061 is also suitable for conventional spraying.
Rengøring af udstyr	Thinner 1048, 1067 or 1061.
VOC	The Volatile Organic Compounds amount (ISO 11890) is 330 g/litre of paint mixture. VOC content of the paint mixture (thinned 15 % by volume) is 410 g/l.
HELBRED OG SIKKERHED	Emballagen er udstyret med sikkerhedsmærkater, som skal bemærkes. Yderligere information om farlige bestanddele og beskyttelse er nærmere beskrevet i individuelle helbreds- og sikkerhedsblade. Helbreds- og sikkerhedsdatablad kan fås ved henvendelse til Tikkurila.

Kun til industriel og professionel brug.

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