

Temacoat GPL-S MIO

Beskrivelse

A two-component, polyamide cured epoxy paint pigmented with micaceous iron oxide.

Produktegenskaber og anbefalet brug

- Due to its micaceous iron-oxide pigmentation and superior adhesion to steel surfaces, the paint forms a very strong and durable film. It can be used as a primer or an intermediate coat in aggressive environments. With a special hardener, the paint cures even at sub-zero temperatures
- Can be overcoated after a prolonged period of time. Its property of not needing roughening saves time and reduces costs of the paint system application
- An impressive track record in bridge construction and pulp, paper and power-industry projects. The paint is widely used in NORSOK and SSG approved systems
- Used as a primer or intermediate coat in epoxy and polyurethane systems exposed to severe weathering and splashes
- Hardener 008 5610 enables curing even at temperatures down to -10°C
- Rapidly recoatable
- Recommended for bridges, exteriors of tanks, steel frameworks, conveyors, tubular bridges and other steel structures and equipment

TEKNISK DATA

Volumen tørstof

60±2% (ISO 3233)

Vægt tørstof

78±2%

Massefylde

1.5 kg / l (mixed)

Blandingsforhold

Base	4 parts by volume	Temacoat GPL-S MIO
Hardener	1 part by volume	008 5600 or 008 5605 (fast)
Base	5 parts by volume	Temacoat GPL-S MIO
Hardener	1 part by volume	008 5610

Pot life

4 hours (23 °C) with Hardener 008 5600
2 hours (23 °C) with Hardener 008 5605

4 hours (+23°C) with Hardener 008 5610
6 hours (0°C) with Hardener 008 5610

Anbefalet lagtykkelse og teoretisk rækkeevne

Recommended film thicknesses		Theoretical coverage
wet	dry	
100µm	60µm	10.0 m²/l
210µm	125µm	4.8 m²/l

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

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Tørretid

Hardener 008 5600 or 008 5605						
DFT 80 µm		0°C	+5°C	+10°C	+23°C	+35°C
Dust dry, after	with Hardener 008 5600	4h	2h	1h	½h	15min
	with Hardener 008 5605	3h	1½h	45min	½h	12min
Touch dry, after	with Hardener 008 5600	18h	10h	6h	2½h	1½h
	with Hardener 008 5605	12h	6h	4h	2h	1h
Recoatable with epoxy paints, min. after	with Hardener 008 5600	24h	12h	6h	2h	1h
	with Hardener 008 5605	18h	16h	4h	1½h	¾h
Recoatable with polyurethane paints, min. after	with Hardener 008 5600	36h	24h	18h	4h	2h
	with Hardener 008 5605	24h	12h	8h	3h	1½h
Recoatable without roughening max. 6 months						

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

Glans

Mat.

Farver

Grey and red.

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PÅFØRINGSINSTRUKSER

Forbehandling	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)
Anbefalede primere	Temazinc 77, Temazinc 99, Temasil 90, Temacoat GPL-S Primer, Temabond ST 200, Temabond ST 300.
Anbefalede topcoats	Temacoat GPL, Temacoat GS 50, Temacoat RM 40, Temadur 20, Temadur 50, Temadur 90, Temadur HB 50, Temadur HB 80, Temathane 50, Temathane 90, Temathane PC 50, Temathane PC 80.
Påføringsforhold	With hardener 008 5600 or 008 5605: All surfaces must be clean and dry and free from contamination. During application and drying the temperature of the surface should not fall below 0°C. Relative humidity of the air should not exceed 80% during application and drying. The surface temperature of the steel should remain at least 3°C above the dew point. The product should not be applied at temperatures below 0°C where there is a possibility of ice formation on the substrate. For proper application the temperature of the paint itself should be above +15°C during mixing and application. Good ventilation and sufficient air movement is required in confined areas during application and drying. With hardener 008 5610: All surfaces must be clean and dry and free from contamination. During application and drying the temperature of the surface should not fall below -10°C. The surface temperature of steel should remain at least 3°C above the dew point. Care has to be taken that there is no ice on the substrate. For proper application the temperature of the paint itself should be above +15°C during mixing and application. Good ventilation and sufficient air movement is required in confined areas during application and drying. Note! There is a natural tendency of this coating to chalk, discolor or yellow unevenly. It is recommended to use polyurethane topcoat when there are high aesthetical requirements on color appearance.
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	For airless spraying, the product is thinned approximately 0–10%. Recommended nozzle tip is 0.015"–0.021" and pressure 120–180 bar. Spray angle shall be chosen according to the shape of the object. For brush application product should be thinned according to the circumstances.
Fortyndere	Thinner 1031
Rengøring af udstyr	Thinner 1031.
VOC	The Volatile Organic Compounds amount is 340 g/litre of paint. VOC content of paint mixture (thinned 10% by volume) is 400 g/l.

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Kun til industriel og professionel brug.

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