

TEMASOLID SC 60

DESCRIPTION

A two component semi-gloss polyurea paint, containing anticorrosive pigments, hardener aliphatic isocyanate.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Recommended to be used especially as a single coat finish for agricultural and earth moving machinery and other machinery and equipment.
- ◆ Excellent weathering and abrasion resistance.
- ◆ A durable, easy to clean and non-chalking paint with excellent gloss and colour retention.

TECHNICAL DATA

Volume solids 81 ± 2 %.

Weight solids 89 ± 2 %.

Specific gravity 1.4 ± 0.1 kg / l (mixed)

Mixing ratio and product codes

Base	2 parts by volume	538 serie
Hardener	1 part by volume	008 7710

Pot life 1 hour (23 °C)

Drying time

DFT 80 µm	+23 °C / RH 30 %	+ 23 °C / RH 50 %	+23°C / RH 80 %
Dust dry, after	1 h	30 min	10 min
Touch dry, after	3 h	1½ h	45 min

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

Finish Semi-gloss.

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

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APPLICATION DETAILS

Surface preparation	<p>Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)</p> <p><u>Steel surfaces:</u> Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is necessary for cold rolled steel to improve adhesion.</p> <p><u>Primed surfaces:</u> 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)</p>
Finish	TEMASOLID.
Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below + 5 °C during application or drying. The surface temperature of the steel should remain at least 3 °C above the dew point.
Mixing components	First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use Temaspeed Squirrel Mixer for mixing.
Application	<p>By airless or conventional spray.</p> <p>Airless spray: depending on the temperature of the components and shape of the object the paint can be thinned 0 - 10 %. Airless spray nozzle tip 0.011" - 0.015" and nozzle pressure 160 - 200 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>At conventional spray the paint should be thinned 25 - 30 %.</p>
Thinner and cleaning of equipment	Thinner 1048 or 1067.
VOC	The Volatile Organic Compounds amount is 150 g/litre of paint mixture. VOC content of the paint mixture (thinned 30 % by volume) is 320 g/l.
HEALTH AND SAFETY	<p>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.</p> <p>A health and safety data sheet is available on request from Tikkurila Coatings Oy.</p>

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