

Temasolid SC-F 80

TYPE	A two component gloss polyurea paint, containing anticorrosive pigments, hardener aliphatic isocyanate.
SUITABILITY	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.
EXAMPLES OF USE	Agricultural and earth moving machinery and other machinery and equipment.

TECHNICAL DATA

Colour Cards	RAL, NCS, SSG, BS, MONICOLOR NOVA ja SYMPHONY värikartat. Tuote kuuluu TEMASPEED -sävytysjärjestelmään.
Gloss groups	Gloss
Thinner	1048 and 1067
Mixing ratio	Base 2 parts by volume 578-s Hardener 1 part by volume 008 7710
Application method	By airless or conventional spray.
Pot-life (+23°C)	½ hour.

Drying times

DFT 80 µm	+23 °C / RH 30 %	+ 23 °C / RH 50 % %	+23°C / RH 80 %
Dust dry, after	50 min	25 min	25 min
Touch dry, after	2 h	1h 15 min	35 min

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

Solids volume	80 ± 2 %. 87 ± 2 %.
Density	1.4 ± 0.1 kg / l (mixed).
Product code	578-s

INSTRUCTIONS FOR USE

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.
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 necessary 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)
Priming	FONTECRYL AP, FONTECOAT EP PRIMER, TEMANYL PVB, TEMADUR HS PRIMER, TEMACOAT GPL-S PRIMER, TEMACOAT SPA PRIMER, TEMAZINC 77/88/99.
Finishing	TEMASOLID.
Painting	By airless or conventional spray. 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.

	At conventional spray the paint should be thinned 5 - 15 %, nozzle pressure 2,5 bar, nozzle tip 1,6-1,8 mm.
Mixing of 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.
Cleaning of tools	Thinner 1048 or 1067.
EU VOC 2004/42/ EC-limit value	The Volatile Organic Compounds amount is 170 g/litre of paint mixture. VOC content of the paint mixture (thinned 15 % by volume) is 270 g/l.

**HEALTH AND
SAFETY
CLASSIFICATION**

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 Oy.

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.

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