GPS07 PURMIX 2K G

GENERAL CHARACTERISTICS AND USE

Binder for preparing industrial polyurethane finishes with an orange-peel effect. Excellent resistance to adverse weather conditions and mechanical stress. Good scratch resistance. The product provides an optimum final aspect and a good level of gloss. It is particularly suitable for coating metal items in industry, such as metal furniture, machine tools, tools in general and small parts.

SURFACE PREPARATION



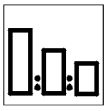

Iron and steel: The product can be applied directly, without undercoat, on iron and steel without calamine or rust, well degreased with antisilicone solvent. Use of the following undercoats is recommended to obtain a better bond:

- NVF60 Shop-Primer 1K
- FWP63 Wash Primer Plus
- GEA02 Epomix PR 2K B/B
- GEA15 Epomix PR 2K Ind

Aluminium and its alloys, other light alloys:

- FWP63 Wash Primer Plus
- GEA02 Epomix PR 2K B/B
- GEA15 Epomix PR 2K Ind

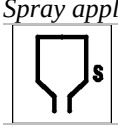
PRODUCT PREPARATION



	weight	volume	weight	volume	Pot life a 20°C
GPS07 Purmix 2K G + pigmented bases	1000	1000	1.000	1.000	
Hardener: CP002/CP003/CP004/CP006	300	400			4 h (with CP003
Hardener: CP007/CP008	500	600			and CP012)
Hardener: CP012/CP013/CP014	-		500	500	
Thinner: DP001/DP002/DP003/DUN01	0-400	0-400	0-200	0-200	

COATING APPLICATION

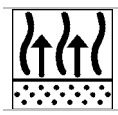
Spray application



Apply 2 coats of product prepared as indicated, or dilute by 30% and apply evenly to obtain a smooth or almost smooth coat. After flash-off (15-20 min), apply a second coat thinned as required to obtain the desired embossing effect.



Nozzle diameter	1.4 mm for airbrushes with pressurized reservoirs. 1.7-2.5 for airbrushes with gravity reservoirs
Air pressure	1-2 bar for coarse orange-peel effect 4-5 bar for fine orange-peel effect



Flash-off at 20°C	20-30 min
Recommended final thickness (2 coats)	75 µm
Theoretic yield at 75 µm	7 m^2/l -6 m^2/kg
Non-volatile content	76.27%

NOTE. Small nozzles and high pressure values encourage the formation of a fine embossing effect and vice versa.

DRYING

In air at 20°C



Through dry, thickness recommended.	approx. 24 h

Stove dried at 60°C



Stove drying at 60°C	45 min

The technical information and suggestions given are the result of our experience and tests. We ensure that our products provide fade-free quality. However, we assume no responsibility for the results obtained as the conditions in which the product is used are beyond our control. You are therefore advised to conduct tests in the real coating and use conditions prior to actual production.


Consult the safety brief: GPS07