GPS03 PURMIX 2K MATT

GENERAL CHARACTERISTICS AND USE

Binder for preparing industrial mat polyurethane finishes. Good resistance to adverse weather conditions. Excellent uniformity. Quick drying. Easy to apply. Suitable for application in industrial coating systems and for industrial bodywork. It is mainly used to prepare mat pastel finishes.

SURFACE PREPARATION

The following undercoats can be used:

- NVF60 Shop-Primer 1K
- 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
GPS03 Purmix 2K Matt + pigmented bases	1000	1000	1.000	1.000	
Hardener: CP002/CP003/CP004/CP006	250	350			4 h (with CP003 and CP012)
Hardener: CP007	350	500			
Hardener: CP008	400	600			
Hardener: CP012/CP013/CP014	-		400	500	
Thinner: DP001/DP002/DP003/DUN01	250-350	250-350	100-200	100-150	

COATING APPLICATION

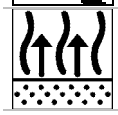
Spray application



Application viscosity at 20°C TF 4	20-25 s



Nozzle diameter	1.2-1.4 mm normal; 1.2-1.4 mm HVLP
Air pressure	3.5-4 bar normal; 2-2.5 bar HVLP



Flash-off at 20°C	30 min

Recommended final thickness (2 coats)	50-60 µm
Theoretic yield at 50 µm	8 m^2/l -6 m^2/kg
60° opacity	30 ± 5 gloss
Non-volatile content	56%

The gloss can be increased by using GPS05 instead of GPS03. Substitution of 10% increases the gloss by about 20 gloss, thus bringing the value to about 50 gloss.
Thicker layers than those recommended below give finishes that are more glossy and vice versa.
Stove drying produces finishes that are more glossy by about 15 gloss, reaching approximately 50 gloss.
In relation to the equivalent glossy product, the shades of any mat product tend to appear more whitish: this is perfectly normal.

DRYING (with CP004 and CP012)

In air at 20°C



Dust free	30-45 min
Touch dry	4-5 h
Through dry	20-24 h

Stove dried at 60°C



Stove drying at 60°C	40 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: GPS03