GPS02 PURMIX 2K HQ

GENERAL CHARACTERISTICS AND USE

Binder for preparing high quality polyurethane finishes. Excellent resistance to adverse weather conditions and chemicals. Optimum filling capacity. The product also gives a high gloss. It is particularly suitable for painting industrial articles. It is used for preparing pastel finishes for industrial bodywork.

SURFACE PREPARATION




The following undercoats can be used:

Dry-on-dry methods

- GEA15 Epomix PR 2K Ind

Sanding with P280-320 paper using a sanding machine

Wet-on-wet methods

- GEA02 Epomix PR 2K B/B

Flash-off of the finishing coat: from 45 min. to 4-5 hours at 20°C.

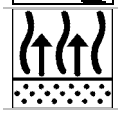
PRODUCT PREPARATION



	weight	volume	weight	volume	Pot life a 20°C
GPS02 Purmix 2K HQ+ pigmented bases	1000	1000	1.000	1.000	
Hardener: CP003/CP004/CP006	400	500			4 h (with CP003
Hardener: CP007/CP008	600	600			and CP012)
Hardener: CP012/CP013/CP014	-		500	600	
Thinner: DP001/DP002/DP003/DUN01	300-400	250-350	150-250	100-200	

COATING SYSTEM

Spray application

	Application viscosity at 20°C TF 4	20-25 s
	Nozzle diameter	1.2-1.4 mm normal; 1.4 mm HVLP
	Air pressure	3.5-4 bar normal; 2-2.5 bar HVLP
	Flash-off at 20°C	20-30 min

Recommended final thickness (2 coats)	50-60 µm
Theoretic yield at 50 µm	8 m^2/l -7.5 m^2/kg
Non-volatile content	60.8%

DRYING (with CP004 and CP012)

In air at 20°C



Touch dry	8-10 h
Through dry	24-36 h

Stove dried at 60°C



Stove drying at 60°C	45-60 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 breief: GPS02