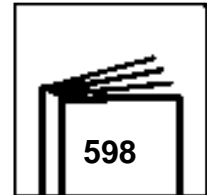




TECHNICAL DATASHEET



2.100.0090 GLOSS CLEARCOAT
2.100.0015 MATT CLEARCOAT

PRODUCT DESCRIPTION

Selemix 2.100.0090 and 2.100.0015 are a high-performance 2K acrylic polyurethane clearcoats designed to achieve from very high gloss to very matt finish.

2.100.0090 Gloss Clearcoat and 2.100.0015 Matt Clearcoat can be sprayed directly over Selemix 7-53x DTM without any sanding of the topcoat as long as the topcoat is oven baked or overnight air dried. Surfaces should be thoroughly degreased using the appropriate cleaner in case of dust or contamination.

2.100.0090 Gloss Clearcoat provides high scratch resistance, weathering resistance and gloss retention.

2.100.0015 Matt Clearcoat provides high scratch resistance and weathering resistance.

2.100.0090 Gloss Clearcoat and 2.100.0015 Matt Clearcoat can be blended together to achieve semi-matt or semi-gloss finishes.

PRODUCTS

Clearcoats :

- 2.100.0090 Gloss Clearcoat
- 2.100.0015 Matt Clearcoat

Hardener :

- 9-080 Acrylic Hardener

Thinner :

- 1-430 Acrylic Thinner

SELECTION AND PREPARATION OF SUBSTRATES



Substrate
7-53X DTM

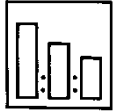
Sand
No Sanding

Degrease
No cleaning required based on customer conditions as long as clearcoat is sprayed within 24 hours over 7-53X DTM



APPLICATION GUIDE

CONVENTIONAL SPRAY



Mixing ratio:

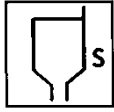
2.100.0090 / 15
9-080
1-430

Volume

2 vol.
1 vol.
0.2 - 0.3 vol.

Weight

1000
500
125-140



Spray viscosity:

16 -18 sec
DIN 4 at 20°C

Pot life at 20°C:

4 hours



Spray gun set up:

NozzleØ =1.3-1.6 mm
(optimal results with 1,4mm)

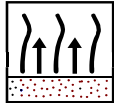
Spray pressure:

Standard 2.5-3.5 bar
HVLP 2 bar



Number of coats:

2
(1 medium coat followed by 1 full coat)



Flash off between coats

10 minutes @20°C

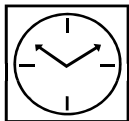
Flash off before baking

10 minutes @20°C

Total dry film build :

40-50 µm

APPLICATION GUIDE



Drying times at 20°C :

dust free :

20-30 minutes

tack free :

2-3 hours

hard dry :

Overnight

Drying times at 20°C stoving :

30 min at 60°C
(metal temperature)

MATTING CHART

MIXING GUIDE FOR VARIOUS GLOSS LEVELS				
Gloss Level:	Matt	Semi-Matt	Semi-Gloss	Gloss
2.100.0015 (Matt):	100%	95%	85%	-
2.100.0090 (Gloss):	-	5%	15%	100%
Clearcoat Volume ratio:	2			
9-080 Hardener Volume ratio:	1			
1-430 Thinner Volume ratio:	0,2 - 0,3			

HEALTH AND SAFETY

For comprehensive Health, Safety and Environmental advice, please refer to the relevant Material Safety Data Sheets and Product can labels.

This product is for professional use only.

The information given in this sheet is for guidance only. Any person using the product without first making further enquiries as to the stability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of our experience and our policy of continuous product development. Drying times quoted are average times at 20°C. Film thickness, humidity and shop temperature can all affect drying times.

Selemix System is a brand of PPG Group

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