FREEWORLD
AUTOMOTIVE COATINGS

DATA SHEET NUMBER:
APU-05-2
APU 31

APU 31: Acryline 2K Matting Agent

» 2K Matting agent used to reduce gloss of Acryline 2K Topcoats and Clear (APU 10)

TECHNICAL

- Mix with Acryline Topcoats or Clear (APU 10) Maximum 1:1
- Mix 2:1 with Acryline 2K MS Hardeners
- Force drying possible

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WORKING PROCESS:

MATTING AGENT FOR ACRYLINE 2:1 MS SYSTEM

RATIO'S:

- Up to 1:1 with Acryline 2K Topcoat base component
- Modified base component then mixed
- 2:1 with Acryline Hardener (APU 202/3/4)

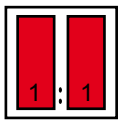
SUBSTRATE:

Refer to Acryline Topcoat Datasheet

PRETREATMENT / CLEANING:

Refer to Acryline Topcoat Datasheet

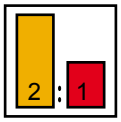
APPLICATION:



1:1 (maximum for full matt finish)
Lower additions of matting agent to achieve desired gloss level

Use air fed respirator.
Refer to relevant Health and Safety Data sheets.

Stir this mixture thoroughly before addition of hardener.



Mix 2:1 with Acryline 2K Hardener (APU 202/3/4)

5 - 10% Acryline 2K Thinner (ATH 301/2)
18 - 20 sec DIN 4 @ 23°C

Refer to Acryline Topcoat Datasheet

ACRYLINE MATTING TABLE:

Mixing ratio (% by weight)		Gloss level (GE according to Din 67530)	
MS SYSTEM	**APU 31**	**20° ANGLE**	**60° ANGLE**
90	10	65-80 GE*	APPROX. 90 GE*
80	20	40-65 GE*	80-85 GE*
70	30	25-45 GE*	70-80 GE*
60	40	10-35 GE*	50-75 GE*
50	50	5-15 GE*	30-50 GE*

Greater amounts of matting additive than stipulated on the table is not recommended

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FLASHPOINT:	SPECIFIC GRAVITY:	SOLID CONTENT:
23°C	1.05 g/cm³	+/- 50% (by weight)

Average DFT: Minimum 40 micron when mixed with Acryline Topcoats.

Raw Material: 2-pack acrylic resins / fine particle size inert matting additive.

Cleaning of Equipment: Clean after use with Lacquer Thinners.

Shelf Life: 12 months @ 20 - 25°C in original sealed packaging.

Important remarks:

» For professional use only.

Protect from sunlight

Working areas should be well ventilated.
Booth must have good extraction.
Refer to Material Safety Data Sheet (MSDS)

Protect from severe cold

This Product contains flammable materials.
Keep away from sparks & open flames.
No smoking permitted in the area.

Warning:
2K Paints react with moisture. Therefore all equipment must be kept moisture free. Ready to use paint materials containing isocyanates can cause irritation of the mucous membranes - and of the respiratory organs, in particular - and cause hypersensitive reactions. There is a risk of hypersensitization if the vapour or spray mist is inhaled. When using materials containing isocyanates, all precautions relating to the handling of solvents should be carefully followed. In particular, care should be taken not to inhale spray mist or vapour. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Note:
The information contained here represents the current state of our knowledge and is intended as a guide to our products and their uses. It is not intended as an insurance of certain product properties or of their specific applications. The warnings displayed on the product labels should be followed. Any industrial property rights should be observed. We guarantee perfect product quality under the terms of our general conditions of sale.

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