

Description

90.920 UniMix Ultra Fast Acrylic Semimatt Binder is used to produce topcoats which are extremely fast-drying while providing brilliant and smooth surface. It offers excellent resistance to chemicals and weathering. This product is mainly used for cars, trucks and commercial vehicles, etc.

Features

- drying without oven baking allows fuel and electricity savings
- air drying (20 °C/68 °F): 50 – 60 min
- forced drying possible (60 °C/140 °F): 3 – 5 min
- good leveling, gloss 50 – 60 %, smooth surface
- compliant with VOC 420 requirements

Substrate preparation

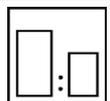


UniMix topcoat should be applied over primers and polyurethane/polyester fillers.

Preparation of the surface should be performed as it is instructed for a certain primer/filler.

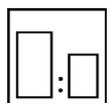
All surfaces need to be thoroughly cleaned, dried and degreased with appropriate anti-silicone cleaner.

Mixing with UniMix tinters



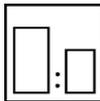
90.920 UniMix binder must be mixed with UniMix tinters according to the formulations in the UniMix software.

Mixing ratio for semi-matt looks (mixing glossy and matt binder)



	<u>More matt</u>	<u>More glossy</u>
90.910 Glossy binder	30 %	40 %
90.930 Matt binder	70 %	60 %

Mixing ratio

		<u>Airless</u>	<u>Spray gun</u>
	Mixing ratio: Mixed colour	1000	1000
	(weight)		
	90.915/90.917 hardener	320	320
	7050 Acrylic thinner	0 - 100	100 - 300
Mixing ratio: Mixed colour	3	3	
(volume)			
90.915/90.917 hardener	1	1	
7050 Acrylic thinner	0 – 10 %	10 - 30 %	

Application

		<u>Airless</u>	<u>Spray gun</u>
	Spray gun set up:	9 – 11/120 – 140 bar	1,3 – 1,6 mm/2 – 2,5 bar
	No. of layers:	2	2
	Flash off (20 °C/68 °F):	10 – 15 min	5 – 10 min
	Viscosity (DIN 4 20 °C/68 °F):	20 – 22 s	17 – 19 s

Drying

	Dust free (20 °C/68 °F):	20 – 25 min
	Dry to handle (20 °C/68 °F):	50 – 60 min
	Dry to handle (60 °C/140 °F):	3 – 5 min
	IR:	8 min
	Potlife (20 °C/68 °F):	75 min
	Dry film thickness:	45 – 50 µm

Technical information

Theoretic yield:	8 – 9 m ² /kg of ready for use product gives 45 µm thick dry film
Maximum chemical resistance:	after 7 days
Film appearance:	semimatt; 50-65% (60° angle)
Adhesion (ASTM D 3359):	B = 5 on surfaces treated like above reported

VOC of mixed colour

2004/42/IIB(e)(840)<600

Health and safety

For Health, Safety and Environmental instructions please refer to relevant Safety Data Sheets and labels on the cans. Storage conditions should also be considered.

Article no.	Description	Volume	Packaging
90.920	UniMix 2K UHS Ultra Fast Acryl Semimat Binder	20 kg	/

Additional information

FOR PROFESSIONAL USE ONLY!

Always read the instructions.

IMPORTANT: This product contains hazardous substances at work so it is necessary to always use/wear appropriate protective equipment. For further instructions, check the label on the product and safety data sheet. A person who uses the product for any purpose other than recommended in this technical data sheet, acts at his own risk. It is the user's responsibility to take all necessary steps to fulfil the local legislation.

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public.

Information and methods described are based on the best information and practices known to us and serve merely as guidelines for optimal use, without liability to performance, results or fitness for any intended use. We do not accept any responsibility for the behaviour of the product or damage arising from the use of the product. Before using the product, the user must check if this is the latest version.

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