

### Description

90.520 UniMix 2K Polyacryl Semimatt Binder is used to produce polyacryl topcoats based on polyacryl 2K technology. Best used for trucks and commercial vehicles, coach works, agricultural machinery, structural steelworks, plastics and concrete coatings, etc.

### Features

- good leveling
- smooth and glossy surface
- good drying time
- very good end results
- can be applied with airless, air-assisted airless, conventional or HVLP methods
- high coverage power in combination with UniMix tinting system

### Substrate preparation

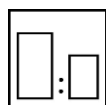


Topcoat based on UniMix 2K Polyacryl Semimatt Binder should be applied on primers and polyurethane and polyester fillers.

Surface preparation depends on the primer/filler used. Read technical data sheet for primer fillers.


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

### Mixing ratio




	<u>Airless</u>		<u>Spray gun</u>	
<b>Mixing ratio:</b> (weight)	Mixed colour	1000	Mixed colour	1000
	2K Hardner	450	2K Hardner	450
	9230/50/70		9230/50/70	
	Thinner 7050/70	50 - 90	Thinner 7050/70	130 - 180
<b>Mixing ratio:</b> (volume)	Mixed colour	2	Mixed colour	2
	2K Hardner	1	2K Hardner	1
	9230/50/70		9230/50/70	
	Thinner 7050/70	5 – 10 %	Thinner 7050/70	15 – 20 %

### Application

		<u>Airless</u>	<u>Spray gun</u>
	<b>Spray gun set up:</b>	9 – 11/120 – 140 bar	1,2 - 1,4 mm / 2 – 2,5 bar HVLP 2 bar
	<b>Number of layers:</b>	1 – 2	2
	<b>Flash-off (20 °C/68 °F):</b>	10 – 15 min	10 – 15 min
	<b>Viscosity (DIN 4 at 20 °C/68 °F):</b>	20 – 23 s	16 – 18 s
<b>Overcoating:</b>	The product can be overcoated with the same polyacryl topcoat 6h after application. When the material is completely dry (24h) the surface needs to be sandend before over-coating.		

### Drying

	<b>Dust dry (20 °C/68 °F):</b>	20 – 30 min
	<b>Touch dry (20 °C/68 °F):</b>	6 – 7 h
	<b>Totally dry (20 °C/68 °F):</b>	24 – 36 h
	<b>Totally dry (60 °C/140 °F):</b>	20 – 30 min
	<b>Potlife (20 °C/68 °F):</b>	60 – 90 min
	<b>Dry film thickness:</b>	50 – 60 µm

### Technical information

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

### VOC of mixed colour

2004/42/IIB(e)(840)&lt;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
90.520	UniMix 2K Polyacryl Semimatt 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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