


### Description

90.200 Unimix 2K Epoxy-Amino Primer/Topcoat Binder for general use on steel, zinc plated iron, aluminium, plastics, etc.

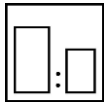
### Features

- due to the zinc phosphate the 2K Epoxy primer has very good corrosion-inhibiting properties
- after curing, the resulting film is resistant to moisture, chemicals and abrasion
- **outside use (exposure to UV):**  
If painted surfaces are exposed to UV radiation, the epoxy can only be used as a primer and surfaces must be overcoated with UV stable coating (PUR, acryl...)
- **indor use (no exposure to UV):**  
If painted surfaces are not exposed to UV radiation (inside use), the epoxy can be used as a topcoat with direct application on different substrates

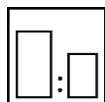
### Substrate preparation

	<u>Substrate</u>	<u>Sanding</u>	<u>Degreasing</u>
	<b>Bare steel:</b>	P80 – P120 (dry)	All surfaces need to be thoroughly cleaned, dried and degreased with appropriate anti-silicone cleaner.
	<b>Aluminium sand:</b>	Scuffing – Cleaning Pad	
	<b>Galvanised steel:</b>	P400 (dry)	
	<b>Zinc coated steel:</b>	Scuffing – Cleaning Pad	
	<b>GRP or Fiberglass:</b>	P320 (dry) or P800 (wet)	
	<b>Old coatings:</b>	P320 (dry) or P800 (wet)	
	<b>Polyester Fillers:</b>	P120 - P220 (dry)	
<p>The epoxy Primer may be applied directly to properly prepared bare steel, zinc coated, galvanised steel, aluminium, sanded old coatings and polyester body fillers.</p> <p>The product shows direct adhesion on metals without a previous primer application. Because of the big variety of substrates is always better to perform some preliminary tests before.</p> <p>Do not use on wash primers or sintetic coatings.</p> <p>In case of sandblasting the surface, paint job must be done immediatelly after sand blasting.</p>			



### Mixing ratio standard hardner

	<u>Airless</u>		<u>Spray gun</u>		
		<b>Mixing ratio:</b>	Mixed epoxy colour	1000	Mixed epoxy colour
(weight)		Hardener 2120	240	Hardener 2120	240
		Thinner 7050	30 - 60	Thinner 7050	100 - 130
	<b>Mixing ratio:</b>	Mixed epoxy colour	3	Mixed epoxy colour	3
	(volume)	Hardener 2120	1	Hardener 2120	1
		Thinner 7050	5 - 10 %	Thinner 7050	15 - 20 %


### Mixing ratio fast hardner

	<u>Airless</u>		<u>Spray gun</u>		
		<b>Mixing ratio:</b>	Mixed epoxy colour	1000	Mixed epoxy colour
(weight)		Fast hardener 2130	360	Fast hardener 2130	360
		Thinner 2115	30 - 60	Thinner 7050	100 - 130
	<b>Mixing ratio:</b>	Mixed epoxy colour	2	Mixed epoxy colour	2
	(volume)	Fast hardener 2130	1	Fast hardener 2130	1
		Thinner 2115	5 - 10 %	Thinner 2115	15 - 20 %

### Application

	<u>Airless</u>		<u>Spray gun</u>	
	 	<b>Spray gun setup:</b>	13 - 15 / 120 - 140 bar	1,6 - 1,8 mm / 3 - 4 bar
<b>Number of layers:</b>		2	2	
<b>Flash off (20 °C/68 °F):</b>		10 - 15 min	10 - 15 min	
<b>Viscosity (DIN 4 20 °C/68 °F):</b>		18 - 22 s	18 - 22 s	
<b>Overcoatable (20 °C/68 °F):</b>		30 min - 24 h or until the whole surface is matt. No mating. Use UniMix topcoats.	20 min - 24 h or until the whole surface is matt. No mating. Use UniMix topcoats.	

### Drying

	Standard hardner		Fast hardner
	Dust dry (20 °C/68 °F):	20 – 30 min	15 – 20 min
	Touch dry (20 °C/68 °F):	6 – 8 h	1 – 1,5 h
	Potlife (20 °C/68 °F):	8 h	90 min
	Thickness of dry film:	50 – 60 µm	50 – 60 µm
	Matting (if necessary) (60 °C/140 °F):	After 50 – 60 min	/
	Matting (if necessary) (20 °C/68 °F):	After 24 h	After 1h

### Technical information

**Theoretic yield:** 8 – 8,5 m<sup>2</sup>/kg of ready for use product gives 55 µm thick dry film

**Adhesion (ASTM D 3359):** B = 5 on surfaces treated like above reported

### VOC of mixed colour

2004/42/IIB(c)(540)<540

### Safety and health

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

Prod. Nr.	Description	Volume	Packaging Box
90.200	UniMix 2K Epoxy Primer 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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