


Description

90.400 UniMix 1K Synthetic Glossy Binder is used to produce top coat based on alkyd air drying resins. Best used for Industrial carpentry, iron manufactures, agricultural machines, etc.

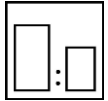
Features

- good adhesion to various substrates
- can be used as primer and topcoat in a single stage
- if better outdoor resistance is needed it should be applied ober primer

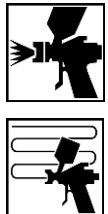
Substrate preparation

	Substrate Bare metal: P80 - 120 - 240 (dry) Primer fillers: Read technical data sheet for primer fillers	Sanding	Degreasing All surfaces need to be thouroughly cleaned, dried and degreased with appropriate anti-silicone cleaner.
	Apply over primer when particular high outdoor resistance is requested. Otherwise it can be applied with direct adhesion to diferent substrates. In case of sandblasting the surface, paint job must be done immediatelly after sand blasting.		

Mixing ratio

		<u>Airless</u>		<u>Spray gun</u>	
	Mixing ratio: (weight)	Mixed colour Thinner 7050/70	1000 150 - 200	Mixed colour Thinner 7050/70	1000 50 - 100
Mixing ratio: (volume)	Mixed colour Thinner 7050/70	100 % 15 - 20 %	Mixed colour Thinner 7050/70	100 % 5 - 10 %	

Application

		<u>Airless</u>	<u>Spray gun</u>
	Spray gun set up:	9 - 11 / 120 - 150 bar	1,4 - 1,6 mm / 3 - 5 bar
Number of layers:	2	2	
Flash off (20 °C/68 °F):	5 - 10 min	5 - 10 min	
Viscosity (DIN 4 20 °C/68 °F):	22-30 s	18-22 s	
Overcoating: (20 °C/68 °F):	The product can be overcoated wet on wet or behind 4 - 6 hours with himself. Otherwise wait 2 - 3 weeks before overcoat. Use only thinners based on white spirit or with a low content of aromatics.		

Drying



Dust dry (20 °C/68 °F):	20 – 30 min
Touch dry (20 °C/68 °F):	6 – 8 h
Totally dry (20 °C/68 °F):	24 – 36 h
Potlife (20 °C/68 °F):	unlimited
Dry film thickness:	30 – 50 µm

Technical information

Theoretic yield:	10 m ² /kg of ready for use product gives 40 µm thick dry film
Maximum chemical resistance:	after 7 days
Film appearance:	semimatt; 40 % ± 10 % (60°angle)
Adhesion (ASTM D 3359):	B = 5 on surfaces treated like above reported.

VOC of mixed colour

2004/42/IIA(i)(500)<500

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
90.400	UniMix 1K Synthetic Glossy 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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