

Technical data sheet

Series 162W

KW162

EPOLAK SEMIGLOSS EMBOSSED WB



1000 gr +
500 gr +
50 - 200 gr



50" - 60" FORD 4
at 20 °C



Ø 1.4 - 1.8 mm
4 - 5 Atm
N° of coats 2



At 20 °C: 24 - 48 hours
At 60 °C: 60'



Protect from frost

NATURE OF PRODUCT:

Waterborne half-glossy epoxy finish two-components with embossed effect.

Properties:

- With a embossed effect, it masks any imperfections of the support well
- Excellent chemical resistance
- High surface hardness
- Excellent adhesion

FIELD OF APPLICATION:

Epoxy finish for general use in industry, machine tools, industrial plants and carpentry.
Applicable directly on iron, aluminum and galvanized sheet, limited to applications for internal use.

RECOMMENDED PRIMER:

Water-based epoxy primers.

PREPARATION OF THE SUBSTRATE:

Water-based paint products, because of their very low organic solvent content, are characterized by poor substrate wettability, which is much less than that of conventional solvent-based products.

Therefore, the presence on the substrate of substances, such as grease, oil, grease and dirt (and of course, for other reasons, rust and calamine) is not tolerated.

Cleanliness of the substrate is a necessary and fundamental condition so that the outcome of the painting is successful.

Iron: SA2 grade sandblasting. Alternatively perfect mechanical cleaning of the substrate by sanding with removal of rust, calamine and subsequent cleaning by degreasing with aqueous solutions or solvents.

Galvanized sheet: Thorough buffing or sanding, followed by degreasing with solvents.

Aluminum: Mechanical cleaning by sanding, followed by degreasing with solvents.

PREPARATION OF THE PRODUCT:

Comp. A: **KW162 + Water-based Tinters – PW 100 parts by weight**

Comp. B: **CZW140** 50 parts by weight

Before mixing Component A and Component B, it is recommended to mix them well individually and then thoroughly mix the two components together.

The dilution is a function of the final degree of peel you want to achieve and especially the application system. To find the best level of dilution, we recommend preliminary tests.

PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: Epoxy embossed finish WB	
APPEARANCE	: Half-glossy	
COLOUR	: On request	
SPECIFIC WEIGHT (Comp.A)	: 1,35 Kg/l (± 0,05)	
SUPPLY VISCOSITY	: Thixotropic product	
SOLID % - VOLUME (A+B)	: 38% (± 2)	
SOLID % - WEIGHT (A+B)	: 53% (± 2)	
DRYING TIME AT 20°C	- Dry dust-free	: 30'
	- Touch-free	: 6 - 7 hours
	- Complete curing	: 24 - 48 hours
	- Forced Drying	: 60' at 60 °C
	- Maximum chemical resistance	: after 10 days
RECOMMENDED LAYERS	: 1 (cross layers)	
RECOMMENDED - DFT	: 60 - 70 µm	
THEORETICAL YIELD ⁽¹⁾	: 6,3 m ² /Lt or 4,8 m ² /Kg at 60 µm dry	
POT-LIFE AT 20 °C	: 90'. The pot-life decreases at higher temperatures. Under no circumstances should you apply product that has exceeded pot-life limits, as films would not ensure sufficient adhesion and chemical resistance.	

⁽¹⁾ In 75/25 ratio with **PW900**.

APPLICATION INSTRUCTIONS:

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RECOATING:

After complete drying of the product, minimum after 10 hours and within 36 hours.

After 48 hours, light sanding of the film is recommended to ensure good adhesion of the top coat.

Special peel airbrushes are recommended for application.

SAFETY REGULATIONS:

Water-based products must be protected from frost.

Strictly follow the instructions on the labeling and in the safety data sheet.

STORAGE CONDITIONS:

Water-based products should be protected from frost, so the storage room should be dry and between +10 °C and +30 °C.

The data and information contained in this sheet are the result of our experience and accurate laboratory tests. However, since the painting process represents a set of operations that are beyond our control, they do not therefore guarantee, in any way, the final performance of the cycle.

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