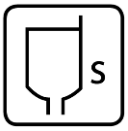
Data sheet

KW711

EXTRA-GLOSSY ACRYLIC WB

1000 gr +
250 gr +
50 - 150 gr



30"- 50" FORD 4
at 20 °C

Ø 1.4 - 1.7 mm
4 - 5 Atm
N° of coats 2

Drying: 20' - 30' at 20 °C
Curing: 24 hours at 20 °C
Curing: 40' - 50' at 60 °C

Protect from frost

NATURE OF PRODUCT:

Two-component glossy acrylic finish based on hydroxylated acrylic resins in aqueous dispersion with aliphatic isocyanate adduct to be mixed at the time of use.

Properties:

-Good covering power
-Excellent adherence
-Excellent weather and chemical resistance.

FIELD OF APPLICATION:

Product for general purpose applications: industrial bodywork, machine tools and/or operating machines, furniture, plastics, etc.

The product can also be applied directly without primer to metal substrates, limited to products that are not to be exposed outdoors.

For artifacts that are to be exposed outdoors, if high anti-corrosive performance is required, it is recommended that a two-component water-based primer (our **193W70121 or 793.W90900**) or solvent-based primer (our **193.R7042**) be applied in advance.

PREPARATION OF THE SUBSTRATE:

Due of their very low organic solvent content, water-based paint products 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 surfaces: Remove all traces of rust, scale, grease and moisture from the substrate by SA2 grade sandblasting or thorough mechanical cleaning followed by solvent degreasing.

Apply a coat of two-component waterborne epoxy primer (our **193W70121**) or solvent-based (our **193.R7042**), water-based acrylic primer (our **793W series**).

Galvanized surfaces: Scour or sand. Degrease perfectly with organic solvents. Apply one coat of water-based (our **193W70121**) or solvent-based (our **193.R7042**) two-component epoxy primer.

Aluminum: Light sanding followed by degreasing. Apply one coat of water-based (our **193W70121**) or solvent-based (our **193.R7042**) two-component epoxy primer.

The product can also be applied on plastics with direct adhesion. However, a preliminary adhesion test is recommended because of the wide variety of products on the market.

PREPARATION OF THE PRODUCT:

Comp. A:	**KW711 (75/25 PW)**	100 parts by weight
Comp. B:	**CZW711**	25 parts by weight
Or:	**CZW707**	20 parts by weight

Thoroughly mix Comp. A until uniform color and consistency. Dose Comp. B and mix the two components well (possibly with low-speed stirrer) before dilution.
Dilute successively by adding water to the desired viscosity that best suits the application system, then mix again carefully.

PRODUCT SPECIFICATIONS:

PRODUCT TYPE	: Two-component	
APPEARANCE OF THE FILM	: Glossy 80 Gloss	
COLORS	: On request	
SPECIFIC WEIGHT Comp. (A)	: 1,05 Kg/l (± 0,05)	
SUPPLY VISCOSITY	: 27" (± 3) DIN 8 AT 20 °C	
DRY RESIDUE WEIGHT (*) A+B	: 53% (± 2)	
DRY RESIDUE BY VOL. (*) A+B	: 46% (± 2)	
DRYING	: - *Dry dust-free*	: 20' - 30' at 20 °C
	- *Print-free*	: 4 - 5 hours at 20 °C
	- *in depth*	: 24 - 36 hours at 20 °C
	- *Forced Drying*	: 40-50' at 60 °C
	- *Maximum chemical resistance*	: after 14 days
RECOMMENDED LAYERS	: Two single coats	
RECOMMENDED THICKNESS	: 50 - 80 DFT	
THEORETICAL YIELD (*)	: 5,8 m^2/lt or 5,0 m^2/Kg a 80 DFT	
(*) 75/25 WITH PW900		
POT-LIFE AT 20 °C	: 1-2 hours. The pot-life decreases at higher temperatures. Under no circumstanc should product that has exceeded pot-life limits be applied as films would be formed that do not give sufficient assurance of adhesion and chemical resistance.	

RECOATING:

Wet-on-wet or at most after 2-3 hours. **When the film is fully cured, light sanding is recommended to ensure good adhesion of the finishing coat.**

SAFETY REGULATIONS:

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

STORAGE CONDITIONS:

The storage room must be dry and with a temperature between + 10 °C and 35 °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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