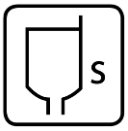
Data sheet

KW734

WATER-BASED MATTE DTM ACRYLIC

1000 gr +
200 gr +
150 - 300 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 matte acrylic primer-finish based on hydroxylated acrylic resins in aqueous dispersion with aliphatic isocyanate adduct to be mixed at the time of use.

Properties:

-Good anti-corrosion and 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.
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.

Galvanized surfaces: Scour or sand. Degrease perfectly with organic solvents.
Aluminum: Light sanding followed by degreasing.

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:	**KW734 (80/20 PW)**	100 parts by weight
Comp. B:	**CZW710**	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	: Matte 11+/- 1 gloss
COLORS	: On request
SPECIFIC WEIGHT Comp. (A)	: 1,35 Kg/l (± 0,05)
SUPPLY VISCOSITY	: 46" (± 2) DIN 8 AT 20 °C
DRY RESIDUE WEIGHT (*) A+B	: 60% (± 2)
DRY RESIDUE BY VOL. (*) A+B	: 55% (± 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* : after 14 days
RECOMMENDED LAYERS	: Two single coats
RECOMMENDED THICKNESS	: 60 - 90 DFT
THEORETICAL YIELD (*)	: 6,9 m^2/lt or 6,1 m^2/Kg a 80 DFT

(*) 80/20 WITH PW900
POT-LIFE AT 20 °C : 1-2 hours. 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

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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