

Data sheet

701W00002

2K GLOSSY AQUACLEAR



1000 gr +
250 gr +
100 - 150 gr



18" - 22" FORD 4
at 20 °C



Ø 1.2 - 1.4 mm
4 - 5 Atm
N° of coats 2



Drying 20' - 30' at 20 °C
Curing 24 hours at 20 °C
Curing 45' - 60' at 60 °C



Protect from frost

NATURE OF PRODUCT:

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

FIELD OF APPLICATION:

Specific finish for water-based double-layer industrial cycles. The film's excellent adhesion properties allow **701W00002** to be used as protective coating for metal (e.g., brass) in direct adhesion, limited to painting objects or products for indoor use.

Application is also possible on some galvanic substrates after preliminary testing or upon indication of Vernici Caldart R&D Laboratory.

PREPARATION OF THE SUBSTRATE:

Clearcoat **701W00002** is to be applied on intermediates (our water-based acrylic series) or on a clean, dust-free matte base coat. The use of a dust-fixing cloth is recommended. It is, however, characterized by good direct adhesion on metal.

PREPARATION OF THE PRODUCT:

Comp. A:	701W00002	100 parts by weight	4 parts by volume
Comp. B:	CZW707	25 parts by weight	1 part by volume
Diluent:	Demineralized water	10 - 15 parts by weight	0,5 - 0,75 parts by volume

Before diluting, mix components A and B well to a homogeneous consistency and color.

Application viscosity 18" - 22" FORD 4 at 20 °C.

PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: Two-component;	
APPEARANCE OF THE FILM	: Glossy	
COLORS	: Clear	
SPECIFIC WEIGHT (A)	: 1,04 Kg/lit (± 0,05)	
DRY RESIDUE (A)	: 34% (± 1)	
DRYING	: - <i>Dry dust-free</i>	: 20' - 30' at 20 °C
	: - <i>Print-free</i>	: 4 - 5 hours at 20 °C
	: - <i>Complete curing</i>	: 24 - 36 hours at 20 °C
	: - <i>Forced Drying</i> ⁽¹⁾	: 45' - 60' at 60 °C
	: - <i>Maximum chemical</i>	: 14 days
RECOMMENDED LAYERS	: Two single coats	
RECOMMENDED THICKNESS	: 40 - 50 µm ⁽²⁾	
THEORETICAL YIELD	: 8 m ² /lit at 50 µm dry	
POT-LIFE AT 20 °C	: 1 hour 30', the pot-life decreases at higher temperature. Under no circumstances should product that has exceeded pot-life limits be applied, as films would not offer sufficient chemical resistance adhesion.	

⁽¹⁾ Drying at room temperature for 45 minutes.

⁽²⁾ Do not exceed the recommended thicknesses.

RECOATING:

Wet-on-wet or at most after 1 hour at A.T., or after complete curing.

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 should be dry, out of sunlight and with a temperature between +10°C and +25°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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