

Data sheet

701.HS100

AIR DRY UHS

2K UHS ULTRA-FAST AIR DRYING ACRYLIC CLEARCOAT



1000 +
500 +
50-150



18" - 20" DIN 4
at 20 °C



Ø 1.2 - 1.4 mm
2 - 3 Atm
N° of coats ½ +1



At 20 °C: 2 - 3 hours
At 60 °C: 15' - 20'

NATURE AND PRODUCT FEATURES:

UHS two-component glossy acrylic clearcoat, characterized by very fast air drying, excellent applicability and final gloss.

After complete curing the films are characterized by high fullness, excellent hardness, weathering and yellowing resistance. Remarkable application flexibility.

Regarding CE 2004/42, being an UHS clearcoat, it is classified as "d - Special Finish", VOC < 420 gr/lt.

FIELD OF APPLICATION:

High-quality acrylic clearcoat for pastel and micalized double-layer finishes, developed for touch-ups and partial or total refinishing of single or multiple panels.

Drying speed makes it possible to significantly shorten the time and cost of the process, especially in those situations where forced drying systems are not available and/or application conditions are unfavorable (low temperatures).

PREPARATION OF THE SUBSTRATE:

Clearcoat **701.HS100** is applied over a clean, dust-free matte base coat.

The use of a dust-fixing cloth is recommended.

<i>MIXTURE PREPARATION</i>	Cabin temperature 20 - 30 °C		Cabin temperature 10 - 20 °C	
<i>Component A</i>	701.HS100	100 parts	701.HS100	100 parts
<i>Component B</i>	CZ.760	50 parts	CZ.770	50 parts
<i>Diluent</i>	D.737	5 - 15 parts	D.737	5 - 15 parts
<i>Pot-Life at 20 °C (Diluted 5%)</i>	50 minutes		35 minutes	

(*) Hardener and thinner should be chosen according to environmental conditions and the size of the substrate.

PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: Two-component;	
APPEARANCE OF THE FILM	: Glossy	
COLORS	: Clear	
SPECIFIC WEIGHT	: 1,05 Kg/l (± 0,05)	
SUPPLY VISCOSITY	: 45" (± 4") ford 4 at 20 °C.	
DRY RESIDUE (A)	: 61% (± 2%)	
V.O.C.	: 2004/42/CE-IIB (d)(420)420	
DRYING	- <i>Dry dust-free</i>	: 10' – 15' at 20 °C
	- <i>Print-free</i> ⁽¹⁾	: 2 – 3 ⁽²⁾ hours at 20 °C
	- <i>Forced Drying</i>	: 15' – 20' at 60 °C
RECOMMENDED LAYERS	: One even coat spread + one full coat, with 2' - 10' flash off between the 2 coats	
RECOMMENDED THICKNES	: 40– 50 µm dry	

⁽¹⁾ With **CZ.770** rapid catalyst.

⁽²⁾ Depending on the thickness and the ambient temperature.

RECOATING:

Wet-on-wet after 10' flash off or after complete curing, after sanding with P400.

SAFETY REGULATIONS:

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

STORAGE CONDITIONS:

In unopened and sealed packages, kept at a temperature of +5 to +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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