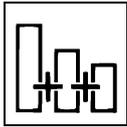


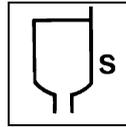


MC420 MACROFAN UHS CLEARCOAT



1000 ml +
500 ml +
0-50 ml

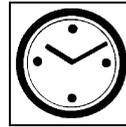
Pot life at 20°C:
30 min.- 1,5 h



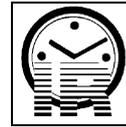
21-23" DIN 4
at 20°C



Ø 1,4 mm
3 Atm
HVL:
Ø 1,2-1,4 mm
2-2,5 Atm
N° of coat: ½+1



Low bake at 60°C:
20-30 min.



7-8 min. flash-off
12-15' min. max power

DESCRIPTION

Ultra high solid two-pack acrylic clearcoat (V.O.C. < 420 g/l).

USE

Clearcoat for two-coat metallic, mica/pearl and solid colour finishes, suitable for spot repairs and complete repairing in car and truck refinishing.

CHARACTERISTICS

- Ultra high solids content
- High coverage (one coat application)
- Easy application (one coat or ½ coat + 1)
- Fast drying
- Very good hardness
- Very good gloss
- Very good weather resistance
- Easy polishing

SUBSTRATE PREPARATION

Apply on surfaces already painted with HYDROFAN Basecoat.

APPLICATION

Spray application by traditional or HVLP guns.

Mixing ratio:

MC420 MACROFAN UHS CLEARCOAT
MH100-MH110-MH115 MACROFAN UHS HARDENERS
00741 -00742 -00755 THINNERS AUTOREFINISHING

volume and weight

1000 parts
500 parts
0-50 parts

	<i>T: 20-35°C</i>	<i>T: 15-25°C</i>
	MH100 – MH110	MH115
Pot life at 20°C	1 -1,5 h	20-30 min.

Spray viscosity at 20°C: 21-23" DIN 4

Ø Air cap: conventional gun 1,3-1,4 mm; HVLP gun: 1,2-1,4 mm

Air pressure: conventional gun 3 Atm; HVLP gun 2-2,5 Atm

N° of coats: 1 (or ½+1)

Suggested film thickness: 30-50 µ

Note: Higher film thickness causes blisters, then apply carefully the recommended film thickness.

Theoretical coverage: 12-13 m² for 1 kg of mixture at 40 µ

12-13 m² for 1 lt of mixture at 40 µ

DIR 2004/42/CE: Topcoat IIB/d – VOC ready for use 420 g/l

This product ready for use contains at most 420 g/l VOC

	Fast cycle 2-3 panels	Standard cycle Partial and complete repainting
2:1	MH115	MH110-MH100
0-5%	00741-00742	00742-00755
Dry film thickness	40-50 micron	45-55 micron
Application	1 grip uniform coat on all the panels followed by 1 full coat	1 regular stretched coat on all the panels followed by 1 full coat
Flash-off between coats	3-5 minutes between coats	5-10 minutes between coats
Final flash-off	0-5 minutes	0-10 minutes

DRYING TIME

	MH100	MH110	MH115
Air drying at 20 C°			
Dust-free			45 min.
Handling	Not suggested	Not suggested	6-8 h
Through-drying			24 h

Low bake at 60 °C (object's temperature):

Handling	35-40 min.	30-35 min.	20-25 min.
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I.R. Lamps: (always follow the instructions of the lamps producer)

Flash-off	7-8 min.	7-8 min.	
Maximum power	12-15 min.	12-15 min.	Not suggested
Distance	60-80 cm.	60-80 cm.	

The hardening keeps on in the following 3-4 days.

In order to accelerate the drying it is possible to add MT167 MACROFAN UHS SPEEDY ACCELERATOR by replacing the thinner up to max. 5%. This addition reduces the pot life of the prepared product.

POLISHING

After 24 h air drying or after low baking wait about one hour until the car has reached the room temperature again (ca. 1 h), then remove any possible dirt and polish with Lechler abrasive paste and polish (see technical data sheets for polishing processes N° CL013 and following).

SPECIAL NOTE

The painted car must not be exposed to severe conditions in the first days after the painting. Until the film has reached the complete cross-linking, strong humidity condensation, like dew and frost and contact with aggressive agents like smog, detergents, salt on the roads, must be avoided.

TECHNICAL DATA SHEET N° 0481-GB UPDATED 02/2010

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