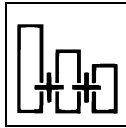
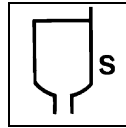




# 04122 – HI-GARD SEALER



**MH100 Line**  
1000 g +  
300 g +  
200-250 g



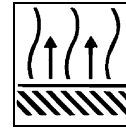
16-18" DIN 4  
at 20° C



Ø 1,3-1,4 mm  
N° of coats: 1-2



30 – 50µ



15-30-40 min. at 20°C

Pot life at 20°C:  
30-150 min.

## DESCRIPTION

Transparent acrylic sealer to use in wet-on-wet system for one coat solid finishes with MACROFAN HS TOPCOAT or two-coat metallic finishes with HYDROFAN /BSB + Refinish clearcoats of Lechler range.

## USE

HI-GARD SEALER can be top coated with finishing enamels with no intermediate sanding (wet-on-wet system). Suitable for complete or partial car re-painting or when a strong adhesion promoter is required. It can be used in all the systems where the job must be completed as quickly as possible.

## CHARACTERISTICS

- Sanding before the top coat is not required
- It does not dirty door shuts, slits
- Very easy to apply
- It can be tinted up to 10% of MACROFAN HS SYSTEM BASE COLOURS
- Excellent flow
- Excellent adhesion
- It removes sanding marks (dry sanding with P240 grit paper- wet sanding with grit paper P360) leaving the lacquer surface very smooth.
- Can be used as a grip coating for writings.
- Can be overcoated with solvent and water-borne products

## SUBSTRATE PREPARATION

### Knifing polyester putties

Finish well with P240 dry grit paper.

It is advisable to seal large fillings with traditional sealers.

### Steel sheet – zinc-coated steel – aluminium

Apply 04318 FIX-O-DUR EC or 05720 MONOPRIMER as an anticorrosive primer.

### Old coatings and parts treated with cataphoresis

Dry sanding with P240-280 grit paper or wet sanding with P360-400 grit paper and degrease with 00665 HYDROCLEANER SLOW / 00699 HYDROCLEANER. The application on thermoplastic or solvent sensitive coatings is not recommended.

### Plastic materials (car field)

Apply MAC0 or 04363 UNIVERSAL PLAST.

In case of flexible substrates add max.10% of plasticizer 09760 to the filler (see TDS n° 0281).

## APPLICATION

Spraying.

Mixing ratio:	ULTRA HS weight	UHS weight
04122 HI-GARD SEALER	1000 g	1000 g
MH400-MH410-MH415 ULTRA HS HARDENERS	250 g	
<b>MH100-MH110-MH115-MH120</b> UHS HARDENERS		300 g
00740-00741-00742-00755 THINNERS AUTOREFINISHING	250-300 g	200-250 g

The tinted product must be considered as follows:

	ULTRA HS weight	UHS weight
04122 HI-GARD SEALER	900 g	900 g
MACROFAN HS SYSTEM BASE COLOURS	100 g	100 g
MH400-MH410 -MH415 ULTRA HS HARDENERS	250 g	
<b>MH100-MH110-MH115-MH120</b> UHS HARDENERS		300 g
00740-00741-00742-00755 THINNERS AUTOREFINISHING	250-300 g	200-250 g

	MH400	MH410	MH415	MH100	MH110	MH115	MH120
<b>Pot-life at 20 °C</b>	2,5 h	1,5 h	45 min.	2 h	1,5 h	1 h	30 min.

Spray viscosity at 20 °C: 16-18" DIN 4

Ø Air cap and HVLP: 1,3-1,4 mm

Air pressure: according to the gun producer's instructions

N° of coats: ½ + 1 full coat; Film thickness: 30-50 µ

Theoretical coverage: 1 kg mixture = 7.9 m<sup>2</sup> at 50 µ; 1 lt mixture = 9.2 m<sup>2</sup> at 50 µ

**DIR 2004/42/CE: Primer IIB/c – VOC ready for use 540 g/l**

**This product ready for use contains at most 540 g/l VOC**

## DRYING TIME

Flash-off time before overcoating with topcoat

	Large surfaces (T: 20-35°C)			Medium surfaces (T: 15-25°C)		Spot Repairs (T: 15-25°C)	
	MH400	MH100	MH110	MH410	MH115	MH415	MH120
<b>At 20 °C</b>	<b>40 min.</b>	<b>30 min.</b>	<b>25 min.</b>	<b>30 min.</b>	<b>20 min.</b>	<b>15 min.</b>	<b>15 min.</b>

04122 can be over coated up to 8 hours from the application. After this time it must be dried through and at least rubbed.

## OVERCOAT WITH

- MACROFAN HS TOPCOAT
- HYDROFAN / BSB + Refinish clearcoats from the Lechler range

## NOTES

In summer at temperatures above 25-30°C and strong relative humidity the product ready for use could form skin in 60 min.; therefore it is recommended to filter the product with 2000 mesh gauze.

## TECHNICAL DATA SHEET N° 0309-GB UPDATED 06/2012

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