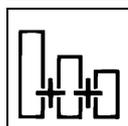


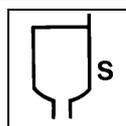


MAC 14 (M1004) MACROFAN HS MATT



MH100 Line
1000 g +
200 g +
300-450 g

Pot life at 20° C
45'- 2 h



18 – 22° DIN 4
at 20° C



Ø 1,3 – 1,4 mm
N° of coats: 1 + 1



Air drying at 20°C:
Tack-free: 50-60 min.
Through-dry: 12 – 24 h
Low bake at 60°C:
30 min.



6 – 7 min. flash off
10 – 16 min. max power

DESCRIPTION

High solids matt topcoat for solid finishes.

USE

Finishing paint for cars, motorcycles, industrial vehicles and buses.

CHARACTERISTICS

- Very high coverage
- High solids content
- Easy application
- Excellent weather resistance
- Uniform opacity at 10° gloss (see note)
- Fast drying
- Scratch resistance

SUBSTRATE PREPARATION

Apply the finishing MACROFAN HS TOPCOAT on one of the following high build fillers or sealers duly dry sanded with P320 grit paper and degreased with 00665 HYDROCLEANER SLOW / 00699 HYDROCLEANER:

- 04004 - 04109 GREEN TI FILLER
- 04706-04710 MACROFAN HS HIGH FILLER or MAC71 MACROFAN HS COLOR HIGH FILLER
- 04806-04810 MACROFAN HS RAPID FILLER or MAC75 MACROFAN HS COLOR RAPID FILLER
- 04804 MACROFAN HS ISOSEALER or MAC 85 MACROFAN HS COLOR ISOSEALER
- HS611 HYDROFAN 1K SEALER

or, in case of wet-on-wet system:

- 04122 HI-GARD SEALER or MAC 9 MACROFAN HS COLOR UNDERCOAT
- 04804 MACROFAN HS ISOSEALER or MAC85 MACROFAN HS COLOR ISOSEALER

In case of old coatings sand dry with P320 or scuff with Scotch Brite grey and degrease with 00665 HYDROCLEANER SLOW / 00699 HYDROCLEANER.

APPLICATION

HVLP and conventional spraying.

Mixing ratio:	HS	UHS	ULTRA HS
MAC14 MACROFAN HS MATT (derived from binder M1004)	1000 g	1000 g	1000 g
00174-00362-00379 HS HARDENERS	250 g		
MH100-MH110-MH115-MH120 UHS HARDENERS		200 g	
MH400-MH410-MH415 ULTRA HS HARDENERS			150 g
00740-00741-00742-00755 THINNERS AUTOREFINISHING	200-250 g	300-450 g	250-300 g

Use condition	T: 15-20°C	T: 20-25°C	T: 25-30°C	T: > 30°C
	00174-MH120-MH415	00362-MH115-MH410	00379-MH110-MH400	MH100
Pot Life at 20°C	45'	1 h	1,5 h	2 h

Spray viscosity at 20°C: 18-22" DIN 4

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

Air pressure: according to the gun producer's instructions

N° of coats: 1+1

Interval between the coats at 20°C: 10-12'

Recommended film thickness: 50-60 µ

Coverage (theoretical value): 6,5-7 m² for 1 kg at 50 µ; 7-7,5 m² for 1 l at 50 µ

DIR 2004/42/CE: Special finishes IIB/e – VOC ready for use 840 g/l

This product ready for use contains at most 630 g/l VOC

DRYING TIME

Air drying at 20°C:

Dust-free: 10-30 min.

Tack-free: 50-60 min.

Through-drying 12-24 h

Low bake at 60°C

20-30 min.

IR drying

After 6-7 min. Flash off

10-16 min. (Max power)

The complete hardening continues in the following 3-4 days.

NOTE

APPLICATION CONDITIONS AFFECTING THE GLOSS LEVEL	
MATTER	GLOSSIER
- Thin film thickness	- High film thickness
- More % thinner	- Less % thinner
- Longer flash-off between coats	- Shorter flash-off between coats
- Air drying	- Low bake
- Fast thinner / hardener	- Slow thinner /hardener
- Application on Hydrofan basecoat	- Application on BSB basecoat

REMARKS

If drying occurs at temperature lower than 60°C, the car has not to be exposed to severe conditions in the first days after the painting.

Until the film has reached its complete cross linking, washing as well as strong humidity conditions such as dew, frost and aggressive agents (smog, detergents, salt sprinkled on roads) must be avoided.

TECHNICAL DATA SHEET N° 0441/4-GB
UPDATED 06/2022

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