

MOBIHEL[®]

... for the cars we love

2K HS 2:1 CLEARCOAT DH LOW VOC

Premium grade, high-gloss clear coat for the repair of personal vehicles, final painting of car bodies, buses, trucks and other metal objects.

The high film elasticity, ultra-high solid contents, excellent mechanical and chemical resistance provide a longstanding protection to the base coat

The product needs no additional thinning when mixed with the hardener and provide a very easy application and smooth film properties.

Distributed by:

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PACKING DATA

Packing:	Index:
6 x 1.0 l	47770402
4 x 5.0 l	47770404

ASSOCIATED PRODUCTS

MOBIHEL 2K HARDENER 4100

Packing:	Index:
6 x 0.5 l	41958381
4 x 2.5 l	41958313

MOBIHEL 2K HARDENER 4300

Packing:	Index:
6 x 0.5 l	47774901
4 x 2.5 l	47774903

MOBIHEL 2K HARDENER 4350

Packing:	Index:
4 x 2.5 l	47843803

MOBIHEL 2K HARDENER 4500

Packing:	Index:
6 x 0.5 l	47088821
4 x 5.0 l	47088813

HYGIENE & PERSONAL PROTECTION



TECHNICAL CHARACTERISTICS

Colour:	Colourless
Product type:	Acryl - isocyanate
Density:	0,977/l



2004/42/II B(d) (420) 415
 EU limit value VOC for this type of product (category II B (d)) in the form, which is ready for application is 420 g/l. VOC of this product, prepared for use is 415 g/l.



2K materials react with humidity; take care that all containers and tools are absolutely dry. While coating, the ambient relative humidity should not exceed 80%.

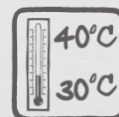
SUBSTRATE

MOBIHEL BASE
 MOBIHEL HYDRO BASE

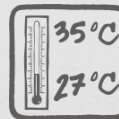
PRODUCT PREPARATION/MIXING



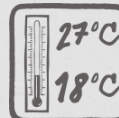
Mixing ratio by volume:



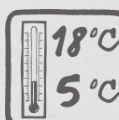
MOBIHEL 2K HS HARDENER 4350



MOBIHEL 2K HS HARDENER 4300



MOBIHEL 2K HS HARDENER 4100



MOBIHEL 2K HS HARDENER 4500



Mixing ratio by weight:

100 g MOBIHEL 2K 2:1 HS CLEARCOAT DH low VOC
52 g MOBIHEL 2K HS HARDENER 4100 or 4500 or
MOBIHEL 2K HS HARDENER 4300 or 4350



Pot life of the mixture at 20°:

1,5 h



Viscosity (RFU):

15 sec.
DIN 53211 ϕ 4mm/ 20°C



Application with spray gun:

1,3 – 1,4 mm
2 – 4 bar
1,5x = 50 - .60 μ m



Flash-off:

MOBIHEL 2K HS hardener 4100

3 – 5 min/20°C between coat
15 min. prior to dry in oven

MOBIHEL 2K HS hardener 4300

3 - 5min/20°C between coats
15 min. prior to dry in oven

MOBIHEL 2K HS hardener 4500

1 - 2 min/20°C between coats
5min. prior to dry in oven



Drying time at 20°C:

MOBIHEL 2K HS hardener 4100

Drying time at 20°C: 16h
Drying time at 60°C: 30 min.

MOBIHEL 2K HS hardener 4300

Drying time at 20°C: 16h
Drying time at 60°C: 35 min.

MOBIHEL 2K HS hardener 4500

Drying time at 20°C: 16h
Drying time at 60°C: 20 min.



Drying time
(infra-red short-wave):

10 - 15 min



Shelf life:

5 years

Flammable liquid and vapour. Causes skin irritation. Harmful to aquatic life with long lasting effects.
Repeated exposure may cause skin dryness or cracking.
Product contains organic solvents

ONLY FOR PROFESSIONAL USE

APPLICATION

DRYING

SHELF LIFE

SAFETY ADVICE