

Technical Data Sheet.

Permacron® MS Brilliant Clear Coat 8040.

Permacron® MS Brilliant Clear Coat 8040 is a high gloss clear coat from our 2K-Acryl-System.

- medium solid quality
- high filling power
- optimal flow
- excellent gloss
- most suitable for high-grade partial and full refinishes
- fast initial and through drying
- good polishing properties

For professional use only!
VR Technical Data Sheet No. EN / 8040 / 01



Substrate.

Suitable base coats:

Permacron® Base Coat 293/295
 Permahyd® Base Coat 280/285/286
 Permahyd® Fascination Colors
 See System Data Sheet 101.3
 VR Data Sheets 280, 285, 0286

Application.

Mixing ratio:



2:1 by volume with
 Permacron® MS Express Hardener 3333
 Permacron® MS Express Hardener 3344 fast

3:1 by volume with
 Permasolid® HS Hardener 3310
 Permasolid® HS Hardener 3312 slow

Pot life:

Ready for spraying 4 - 5 hours at +20°C
 (depending on hardener used)

Reducer

Permacron® MS Dura Plus 8580
 Permacron® Reducer 3364

Method of application:



Compliant

HVLP

Application viscosity
 4 mm, +20°C, DIN 53211:



17 - 19 seconds

Reducer at +20°C material
 temperature:



2:1 with MS hardener = 10%
 3:1 with HS hardener = 20%

Spray nozzle*:

1.3 - 1.4 mm

1.3 - 1.5 mm

Spray pressure*:

2 - 4 bar

-

Atomising pressure*:

-

0.7 bar

Number of coats for partial and
 full refinishes:



apply 1 full coat, allow to flash off for 5 min.,
 then apply final coat

Number of coats for fast repair
 systems:



1 spray operation** = 1 tack coat followed by
 1 full coat without flash-off between coats

Prescribed
 film thickness:

50 - 70 µm dry film thickness:

* See manufacturer's instructions!

** When applying this clear coat, the first half coat should be a light coat almost forming an opaque film. A full coat should then follow directly.

Drying.

Air drying:

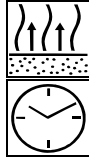


At +20°C ambient temperature

dry for handling: 20 minutes

recoatable: 30 minutes

Force drying:

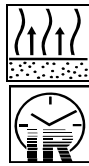


Flash-off time: 5 - 10 minutes



Drying time
and temperature: 20 - 30 minutes
at +60°C
metal temperature

Infrared drying:



Flash-off time: 5 minutes

Drying time: short wave:
10 - 15 minutes

medium wave:
15 - 20 minutes

Data.

Flash point:

above +23°C

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