

Technical Data Sheet.



Permafleet® HS Chassis Top Coat

- 2K High Solid Top Coat based on acrylic resins for vehicle chassis
- fast drying
- resistant
- optimized for use with application installations

Permafleet® HS Chassis Top Coat is offered in the following colours:

- MB 7350 novagrey satin gloss
- RAL 9005 deep black
- RAL 9011 graphite grey

For professional use only!

CV Technical Data Sheet No. EN / 0200 / 03

Substrate.

Suitable substrates:

Pretreated chassis and chassis parts
(cathodic painting or surfaces coated with a primer or surfacer)

Application.

Mixing ratio:



4:1 by volume with
Permafleet® VHS
Hardener 3265 fast

small to medium-sized objects
at 20 - 25°C

Permafleet® VHS
Hardener 3270

medium-sized to large objects
at 20 - 25°C

Permafleet® VHS
Hardener 3275 slow

medium-sized to large objects
at 30°C

Pot life:

90 minutes at +20°C
(depending on hardener used)

Reducer:

Permafleet® Reducer
6110 fast

small objects at 15 - 25°C

Permafleet® Reducer
6120

medium-sized objects
at 20 - 25°C

Permafleet® Reducer
6130 slow

large objects
at 20 - 30°C

Permafleet® Reducer
6150 SA

for special application, airless,
airmix, ESTA

Method of application:

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

Reducer at +20°C
material temperature:

Spray nozzle:

Atomizing pressure:

Number of coats:

Recommended dry
film thickness:

Electrostatic application:

Drying.

Air drying:



At +20°C ambient temperature

dust dry: 10 - 15 minutes
dry for handling: 60 - 75 minutes
dry: approx. 16 hours

Force drying:



Flash-off time: approx. 15 minutes



Drying time
and temperature: approx. 30 minutes
at +60°C metal temperature







Note on safety:



This product is classified according to regulation (EC) 1272/2008 (CLP).

Please consult the Safety Data Sheet.

It is strongly recommended to use appropriate personal protection equipment during application.

	Gravity/ suction feed gun	HVLP	Pressure pot	Airless/ airmix
				
	22 - 29 s	22 - 29 s	22 - 29 s	30 - 35 s
	0 - 15 %			
	1.4 - 1.6 mm	1.4 - 1.6 mm	1.1 mm	0.23 - 0.28 mm
	2.0 - 2.5 bar	0.7 bar	2.5 - 3.5 bar	100 - 160 bar
	1 - 2 coats			
	50 - 80 µm			

According to the advice of the Technical Consultant
(see System Data Sheet on Electrostatic Application
SYS 950.4)

Data.

Viscosity as supplied
4 mm, +20°C, DIN 53211:

70 - 100 s

Flash point:

+24 °C

RAL 9005

**RAL 9005
with Permafleet®
VHS Hardener**

Solids content:

60.6 % by weight

62.9 % by weight

Specific weight:

1.11 g/cm³

1.10 g/cm³

Coverage*:

at 50 µm dry film thickness:

9.7 m²/kg

VOC content:

2004/42/IIB(d)(420)420

The EU limit value for this product (product category IIB.d) in ready to use form is max. 420 g/litre of VOC.

The VOC content of this product in ready to use form is max. 420 g/litre.

* The coverage was calculated on the basis of the recommended dry film thickness and the solids content by volume (without reducer). No allowance was made for wastage during application.

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