

Technical Data Sheet.



Permasolid® HS Clear Coat 8055

Permasolid® HS Clear Coat 8055 is a high-gloss, VOC-compliant High Solid clear coat.

- variable and easy application in 1.5 coats (preferred) or 2 coats
- good vertical stability
- fast through drying
- good final hardness after drying
- good gloss and flow

For professional use only!

VR Technical Data Sheet No. EN / 8055 / 06

Substrate.

Suitable substrates:

Permahyd® Base Coat 280, 285 and 286
Permahyd® Hi-TEC Base Coat 480
(see VR Technical Data Sheet No. 0280, 0285, 0286, 480.0, 480.1)

Application.

Mixing ratio:



3:1 by volume with
Permasolid® VHS Hardener 3220 fast
Permasolid® VHS Hardener 3225
Permasolid® VHS Hardener 3230 slow
Permasolid® VHS Hardener 3240 extra slow
VR Technical Data Sheet No. 3220_3440

The selection of hardeners depends on temperature and object size.





Additive:

Permasolid® HS Clear Coat Additive 9034
Permasolid® HS Clear Coat Additive 9035 slow
Permasolid® HS Accelerator 9025***
Permasolid® Additive 9026***

Please observe the special notes indicated by *** and the Technical Data Sheets of 9025 and 9026 !

Pot life:

Ready for use 60 - 120 minutes at +20°C.
(depending on hardeners used)

<p>Method of application:</p> <p>Application viscosity 4 mm, +20°C, DIN 53211:</p> <p>Additive at +20°C material temperature:</p> <p>Spray nozzle*:</p> <p>Spray pressure*:</p> <p>Atomising pressure*:</p> <p>Number of coats:</p> <p>Recommended film thickness:</p> <p>Special notes:</p> <p>Special note:</p>		Compliant	HVLP
		mixing viscosity	
		5% Permasolid® HS Clear Coat Additive 9034*** or Permasolid® HS Clear Coat Additive 9035 slow***	
		1.2 - 1.3 mm	1.2 - 1.3 mm
		2 - 2.5 bar	-
		-	0.7 bar
		a) 1.5 coats with the first light coat almost forming an opaque film, directly followed by a full coat b) 2 coats with 5 - 10 min. intermediate flash-off **	
		50 - 70 µm dry film thickness	
		<p>*** When this clear coat is used to repair smallest damages (speed repair method), 5% Permasolid® HS Clear Coat Additive 9034 / 9035 slow may be replaced by 5% Permasolid® HS Accelerator 9025 or Permasolid® Additive 9026.</p> <p><u>Attention:</u> The mixing described here for speed repair applications must not be used on horizontal surfaces.</p> <p><u>Elastification of rigid and halfrigid types of plastic:</u></p> <p>First, add 15 % of Permasolid® Elastic Additive 9050 to the clear coat. Mix 3:1 with VHS hardener + 5% Permasolid® HS Clear Coat Additive 9034 / 9035 slow</p> <p><u>Important note:</u> longer drying time.</p>	

* See manufacturer's instructions!

** Apply a light, but full coat first.

Drying.

Air drying:



At +18 - 22°C

ambient temperature:

overnight

Force drying:



Flash-off time:

5 - 10 minutes



Drying time at +60 - 65°C metal

temperature:

25 - 35 minutes

Infrared drying:



Flash-off time:

5 - 10 minutes



short wave:

10 - 15 minutes

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.

Data.

Flash point:

above +23°C

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/l.

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