

# Technical Data Sheet.



## Permasolid® HS Speed Clear Coat 8800.

Permasolid® HS Speed Clear Coat 8800 is a very fast drying High Solid clear coat.

- application in 1.5 coats
- rapid drying (air and force drying)
- very good gloss and flow
- fast to polish

For professional use only!  
VR Technical Data Sheet No. EN / 8800 / 04

## Substrate.

### Suitable substrates:

Permahyd® Hi-TEC Base Coat 480  
Permahyd® Base Coat 280 / 285 / 286  
(see VR Technical Data Sheet No. 0280, 0285, 0286, 480.0, 480.1, 480.2)

### Important note:



a) 5% Permahyd® Hardener 3080 must be added to the Permahyd® Hi-TEC Base Coat 480.

Preferably use Permahyd® WT Additive 6052

In case of blending jobs also the Permahyd® Blend-In Additive 1050/1051 has to be activated with 5% Permahyd® Hardener 3080.



b) 5% Permahyd® Additive 9007 must be added to the Permahyd® Base Coat 280 / 285.

In case of blending jobs also the 1:1 mixture with Permahyd® Blend-In Additive 9005 has to be activated with 5% Permahyd® Additive 9007.

## Application.

### Mixing ratio:







2:1 by volume with  
Permasolid® VHS Speed Hardener 3251 fast  
Permasolid® VHS Speed Hardener 3250  
Permasolid® VHS Speed Hardener 3252 slow

### Note:

The selection of hardeners depends on the drying process (see drying table)

### Pot life:

Ready for use 60 minutes at +20°C.  
(depending on hardener used and/or climate conditions)

<p>Method of application:</p> <p>Application viscosity 4 mm, +20°C, DIN 53211:</p> <p>Reducer 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>		Compliant	HVLP
		mixing viscosity	
		not necessary	
		1.2 - 1.3 mm	1.2 - 1.3 mm
		1.8 - 2.0 bar	-
		-	0.7 bar
		1.5	
		The first light coat almost forms an opaque film, directly followed by a full coat.	
	45 – 55 µm dry film thickness		

\* See manufacturer's instructions!

## Drying.

Drying conditions		Outside temperature		
		< +20°C	+20 - 30°C	> +30°C
<b>Air drying</b> (not below +10°C) <sup>(1)</sup> <sup>(2)</sup>	Preferred	Permasolid® VHS Speed Hardener 3251 fast	Permasolid® VHS Speed Hardener 3250	Permasolid® VHS Speed Hardener 3252 slow
	Dust dry	25 - 35 min	15 - 20 min	15 - 20 min
	Dry for handling (transportable)	50 - 60 min	35 - 50 min	40 - 50 min
	Polishable	60 - 90 min	50 - 90 min	60 - 90 min
<b>Low baking</b> 10 - 15 min. at +40 - 45 °C <sup>(2)</sup>	Preferred	Permasolid® VHS Speed Hardener 3250	Permasolid® VHS Speed Hardener 3250	Permasolid® VHS Speed Hardener 3252 slow (15 min. low baking required)
	Dust dry	immediately	immediately	immediately
	Dry for handling (transportable)	after cooling-down	after cooling-down	after cooling-down
	Polishable	15 min. after cool down	15 min. after cooling-down	30 min. after cooling-down
<b>Optional low baking</b> 5 - 10 min. at +60 - 65 °C <sup>(2)</sup>	Preferred	Permasolid® VHS Speed Hardener 3250	Permasolid® VHS Speed Hardener 3252 slow (10 min. low baking required)	—
	Dust dry	immediately	immediately	—
	Dry for handling (transportable)	after cooling-down	after cooling-down	—
	Polishable	15 min. after cooling-down	30 min. after cooling-down	—

<sup>(1)</sup> It is possible to use a slower hardener if there is a risk of defects at high air humidity.

<sup>(2)</sup> It is possible to use a faster hardener if drying is too slow or the weather is dry (low air humidity).

## Special notes.

Humidity has an accelerating influence on drying and potlife.



After usage, clear coat and hardener cans have to be closed immediately and properly to protect them from humidity.



Opened cans of clear coat and hardener should be consumed within one month.

It is possible to recoat Permasolid® HS Speed Clear Coat 8800 within 24h without intermediate sanding.

Elastification/matting and the use of Permasolid® Clear Coat Color Additives 9040 - 9046 is not possible.

## Note on safety.



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

May cause an allergic skin reaction (H317).

Causes serious eye irritation (H319).

Please consult the Safety Data Sheet.

It is strongly recommended to use appropriate personal protection equipment during application to avoid skin and eye irritation.

## Data.

Flash point:

+37 °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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