

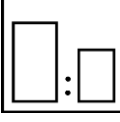
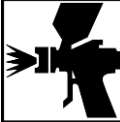

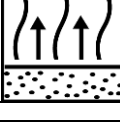
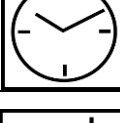

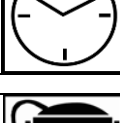
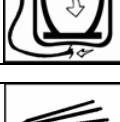
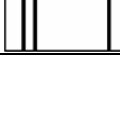
## Technical Data Sheet

**UHS Surfacers 53 5:1**  
 Art.nbr.: 5325, 5326, 5327, 5329

Surfacers  
 Version: **EN-TDS-5325-9**  
 Revision: April 2015  
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**FOR PROFESSIONAL USE ONLY**

### APPLICATION SHEET

	<p>5 UHS Surfacers 53          1 HS Hardener 83 Fast          Add, if necessary, 0 - 15% 2K PU ULTRA Thinner STD/Fast</p>
	<p>Spray nozzle: 1.4 - 1.8 mm          Pressure: 1.8 - 2.2 bar at the air inlet</p>
	<p>1 - 3 spray coats</p>
	<p>5 - 10 minutes between the layers</p>
	<p>20°C 5 - 6 hours per layer          60°C 30 minutes</p>
	<p>Application viscosity: 20 - 24 seconds (DIN CUP 4 mm / 20°C)          Application- and object temperature: 18°C - 30°C</p>
	<p>Potlife: 90 - 120 minutes at 20°C</p>
	<p>Use suitable respiratory protection</p>
	<p>For full technical information, please read the complete Technical Data Sheet</p>



## Technical Data Sheet

**UHS Surfacers 53 5:1**  
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## FULL TECHNICAL INFORMATION

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- VOC Compliant conform directive 2004/42/EC
- Possible to spray wet-in-wet
- Excellent filling properties

### FIELD OF APPLICATION

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Car refinish.  
Suitable for repair and new construction

KRISTAL UHS Surfacers 53 5:1, is a Ultra High Solid 2-pack surfacer with easy application.

## Technical Data Sheet

**UHS Surfacers 53 5:1**  
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### FOR PROFESSIONAL USE ONLY

#### PRODUCT AND AUXILIARY PRODUCTS

	<b>KRISTAL UHS Surfacers 53</b> <b>BLACK</b> <b>DARK GREY</b> <b>GREY</b> <b>WHITE</b>	
<b>Hardener</b>	KRISTAL HS Hardeners 83	
<b>Product to add</b>	KRISTAL 2K PU ULTRA Thinners	A thinner with which the right viscosity can be reached
	KRISTAL 2K Drying Booster	Drying accelerator for Clear Coat and Surfacers
<b>Article numbers</b>	KRISTAL UHS Surfacers 53 5:1	
	<b>BLACK</b>	5325
	<b>DARK GREY</b>	5326
	<b>GREY</b>	5327
	<b>WHITE</b>	5329
	KRISTAL HS Hardener 83 Fast	8311
	KRISTAL 2K PU ULTRA Thinner STD	3130
	KRISTAL 2K PU ULTRA Thinner Fast	3131
	KRISTAL 2K Drying Booster	3121

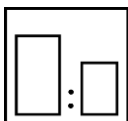
#### CHEMICAL BASIS

KRISTAL UHS Surfacers 53 5:1	Hydroxyl acrylic resins
KRISTAL HS Hardener 83	Isocyanate resin

#### SUBSTRATES

On top of Washprimer, fully cured old coatings and certain plastics, as described in the preparation system.

#### MIXING



- 5 KRISTAL UHS Surfacers 53 5:1
  - 1 KRISTAL HS Hardener 83 Fast
- Add, if necessary, 0 - 15% 2K PU ULTRA Thinner

## Technical Data Sheet

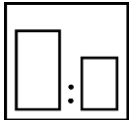
**UHS Surfacers 53 5:1**  
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#### MIXING

On weight

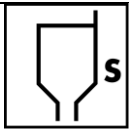


**5:1**

5327 - 5329	KRISTAL UHS Surfacers 53 Grey - White	1000 gram
8311	KRISTAL HS Hardener 83 Fast	130 gram
3130 - 3131	KRISTAL 2K PU ULTRA Thinner STD - Fast	70 - 90 gram

5325 - 5326	KRISTAL UHS Surfacers 53 Black - Dark Grey	1000 gram
8311	KRISTAL HS Hardener 83 Fast	135 gram
3130 - 3131	KRISTAL 2K PU ULTRA Thinner STD - Fast	70 - 90 gram

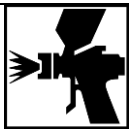
#### APPLICATION VISCOSITY



Application viscosity  
 20 - 24 seconds (DIN CUP 4 mm / 20°C)

Application- and object temperature  
 18°C - 30°C

#### EQUIPMENT SET-UP



Spray nozzle:  
 1.4 - 1.8 mm

Pressure:  
 1.8 - 2.2 bar at the air inlet

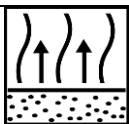
#### SPRAY COATS / LAYER THICKNESS



1 - 3 full spray coats

Layer thickness 60 - 180 µm

#### FLASH-OFF



Maintain a flash-off of 5 - 10 minutes between the layers

#### POTLIFE



Approximately 90 - 120 minutes at 20°C

## Technical Data Sheet

**UHS Surfacers 53 5:1**  
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### FOR PROFESSIONAL USE ONLY

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#### DRYING



20°C : 1,5 – 2 hours per layer  
60°C : 30 minutes

#### ECONOMY

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8 m<sup>2</sup> per liter / 60 µm, ready to spray surfacer

#### CLEANING THE EQUIPMENT

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KRISTAL NC Thinner 3120

#### PHYSICAL PROPERTIES

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##### FOR BLACK

Density : 1,53 kg/l  
Flashpoint : 25°C  
Vol.% solids : 70,1%

##### FOR DARK GREY

Density : 1,54 kg/l  
Flashpoint : 25°C  
Vol.% solids : 69,9%

##### FOR GREY

Density : 1,57 kg/l  
Flashpoint : 24°C  
Vol.% solids : 71,5%

##### FOR WHITE

Density : 1,58 kg/l  
Flashpoint : 25°C  
Vol.% solids : 75%

#### VOLATILE ORGANIC COMPOUND

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VOC CODE: **2004/42/IIB(c)(540)(460)**

**Product Subcategory (according directive 2004/42/EG) and max. VOC content of the ready to use product IIB(c). Primers – Surfacers/filler and general (metal) primer. EU limit values: 540 g/l. (2007)**  
This product contains a maximum of 520 g/l. VOC

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#### STORAGE LIFE

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Under normal storage conditions for up to two years in unopened tins.

#### TRANSPORT- AND STORAGE CONDITIONS

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Do not store or transport this product at a temperature lower than 8°C or higher than 30°C.

#### KRISTAL COATINGS B.V.

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The NETHERLANDS

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Internet: [www.kristalcoatings.com](http://www.kristalcoatings.com)

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