

# Technical Data Sheet



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Data sheet Nr. 5393/CR

## AVKOTE GP Crackle Glaze

<b>Product description</b>	Especially fast drying, crackle effect 2K coating for Glass.	
<b>Binding Agent</b>	2-K polyurethane resin	
<b>Areas of Application</b>	High-quality crackle effect for Glass. <b>Interior use only.</b>	
<b>Form of Supply</b>	Colours	AVKO Standard Crackle Range
	Gloss Level	Silk (30 - 45 gloss levels at 60 °)
<b>Hardener</b>	AVKOTE 279 Hardener	
<b>Packing</b>	Coating	1, 3 and 5 Litre disposable containers
	Hardener	1 Litre disposable containers

### Technical Data

The data is valid for AVKOTE GP Crackle white 80. The values can change for other colours.


	Coating		Hardener		Mixture							
<b>Specific Gravity (23 °C)</b>	1.2	g/cm <sup>3</sup>	1.0	g/cm <sup>3</sup>	1.17	g/cm <sup>3</sup>						
<b>Solids content</b>	52 ± 2 Weight-%		46 ± 2 Weight-%		Appr 51 Weight-%							
<b>Organic Solvent Content.</b>	48 ± 2 Weight-%		54 ± 2 Weight-%		Appr 49 Weight-%							
<b>VOC Content (CH / EU)</b>	57	%	570	g/lt	56	%	560	g/lt	57	%	569	g/lt
<b>Shelf life at 20 °C</b>	6 Months											
<b>Theoretical Coverage</b>	96 g/m <sup>2</sup>		10.4 m <sup>2</sup> /kg for		30 µm dry layer thickness							

<b>Safety Data</b>	<b>Coating</b>	<b>Hardener</b>
<b>Flash point</b>	27 °C	0 °C
<b>Transport ADR/RID</b>	Class: 3 VP: III	Class: 3 VP: III
<b>Poison classification (EU)</b>		
<b>VVS disposal code (EU/CH)</b>	08, 08 01, 08 01 11	08, 08 01, 08 01 11



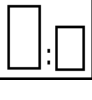
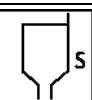


**Application Recommendations**




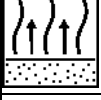

Substrate	No. of Coats	Product	Dry Film thickness	Data sheet
Glass	2 x Base Coat	AVKOTE 1480C Slow Drying Lacquer (4 :1 mix ratio)	30-50 µm	1480C
	2 x Crackle	AVKOTE GP Crackle Glaze (while Lacquer is still wet) 10 :1 mix ratio	30-50 µm	5393/CR
	2 x Top Coat	AVKOTE GP (Backing colour) 10 :1 mix ratio	30-50 µm	5393/GP
For further application proposals please ask our technical department.				

**Preparation**

	<b>Substrate</b>	Every substrate must be thoroughly cleaned, grease and oil-free, and dry before paint application commences.
	Glass	The glass <b>must be well cleaned</b> and degreased using only <b>AVKOTE Glass Cleaner</b> and <b>100% lint free cotton cloth</b> . Other cloths e.g. paper or man-made cloths must NOT be used for surface preparation. AVKOTE Glass Cleaner must be used to clean the glass as some Glass Cleaners may leave a residue on the glass which could affect the adhesion. Since there are different types of glass, it is recommended always to do a small test prior to the complete application. To maintain levels of quality, any coating should always be applied to the air side.
	After 24 Hrs	AVKOTE GP Crackle Glaze has a GT adhesion Reading of GT 2
	After 72 Hrs	AVKOTE GP Crackle Glaze has a GT adhesion Reading of GT 0

**Processing**

	<b>Preventative measures</b>	We recommend the wearing of protective clothing even if not stipulated by law. The national and regional health and safety regulations for work hygiene and equipment are to be observed. Pay attention to our safety data sheet Nos. 539300CR and 279H00.				
	<b>Stir</b>	Before use ensure contents are stirred together well with hardener if applicable.				
	<b>Mixing Ratio</b>	10:1				
	<b>Pot life at 20 °C</b>	Minimum 8 hr. according to tone				
	<b>Thinners</b>	Ready to Spray.				
	<b>brush</b>	N/A				
	<b>Roll</b>	N/A				
		<b>Viscosity DIN-4</b>	<b>Thinners</b>	<b>Nozzle</b>	<b>Pressure</b>	<b>Spray coats</b>

	<b>HVLV Gravity Feed Spray-gun</b>	18 - 22 secs	Ready to Spray	1.4 - 1.8 mm	2 – 2.5 bar	2
	<b>HVLV Suction-spray-gun</b>	18 - 22 secs	Ready to Spray	1.4 - 1.8 mm	2 – 2.5 bar	2
	<b>Non-HVLV paint guns</b>	18 - 22 secs	Ready to Spray	1.4 - 1.8 mm	3 - 4 bar	2
	<b>Evaporation time</b>	Prior to drying at temperatures over 40 °C allow an evaporation time of 15 minutes.				
	<b>Drying time</b>	For 50 µm dry coating at 65 % of relative humidity				
	At 20 °C	Tack-Dry	after:	15	Minutes	
		Touch – Dry	after:	30	Minutes	
		Dried (Can be handled)	after:	2	Hours	
		Completely Dry	after:	7	days	

**Important references**

<b>Specific restrictions</b>	Relative humidity max. 80 %					
<b>Minimum application- and drying temperature</b>	15	°C	Do not apply at temperatures below the dew point			
<b>Equipment cleaning</b>	Clean immediately after use with Gun Wash Thinners.					

**Important Recommendations**

	Please observe our Material Safety Data Sheets for all products used as well as the instructions on the tin label.
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