

Technical Data Sheet



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Data sheet Nr. 5393/CR

AVKOTE GP Crackle Glaze

Product description	Especially fast drying, crackle effect 2K coating for Glass.	
Binding Agent	2-K polyurethane resin	
Areas of Application	High-quality crackle effect for Glass. Interior use only.	
Form of Supply	Colours	AVKO Standard Crackle Range
	Gloss Level	Silk (30 - 45 gloss levels at 60 °)
Hardener	AVKOTE Hardener 279	
Packing	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							
Specific Gravity (23 °C)	1.2	g/cm ³	1.0	g/cm ³	1.17	g/cm ³						
Solids content	52 ± 2 Weight-%		46 ± 2 Weight-%		Appr 51 Weight-%							
Organic Solvent Content.	48 ± 2 Weight-%		54 ± 2 Weight-%		Appr 49 Weight-%							
VOC Content (CH / EU)	57	%	570	g/lt	56	%	560	g/lt	57	%	569	g/lt
Shelf life at 20 °C	12 Months			6 Months in well shut containers								
Theoretical Coverage	96 g/m ² 10.4 m ² /kg for 30 µm dry layer thickness											

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




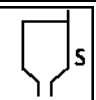



Application Recommendations





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

	Substrate	Every substrate must be thoroughly cleaned, grease and oil-free, and dry before paint application commences.
	Glass	The glass must be well cleaned and degreased using AVKOTE Glass Cleaner. 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.
	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

	Preventative measures	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.				
	Stir	Before use ensure contents are stirred together well with hardener if applicable.				
	Mixing Ratio	10:1				
	Pot life at 20 °C	Minimum 8 hr. according to tone				
	Thinners	Ready to Spray.				
	brush	N/A				
	Roll	N/A				
		Viscosity DIN-4	Thinners	Nozzle	Pressure	Spray coats
	HVLP Gravity Feed Spray-gun	18 - 22 secs	Ready to Spray	1.4 - 1.8 mm	2 – 2.5 bar	2

	HVLP Suction-spray-gun	18 - 22 secs	Ready to Spray	1.4 - 1.8 mm	2 – 2.5 bar	2
	Non-HVLP paint guns	18 - 22 secs	Ready to Spray	1.4 - 1.8 mm	3 - 4 bar	2
	Evaporation time	Prior to drying at temperatures over 40 °C allow an evaporation time of 15 minutes.				
	Drying time	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

Specific restrictions	Relative humidity max. 80 %				
Minimum application- and drying temperature	15	°C	Do not apply at temperatures below the dew point		
Equipment cleaning	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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