

Technical Data Sheet



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Data sheet Nr. 1480C

AVKOTE 1480C Lacquer

Product description	Slow Air-drying two-component clear lacquer
Binding Agent	Polyurethane / acrylic resin combination
Areas of Application	Air-drying clear lacquer for high-quality coating of Glass prior to the application of AVKOTE GP Crackle Glaze. Interior use only.
Form of Supply Colours	Clear
Gloss Level	Satin Gloss
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 1480C Lacquer. The values can change for other colours.							
	Coating		Hardener		Mixture		
Specific Gravity (23 °C)	0.96	g/cm ³	0.99	g/cm ³	0.97	g/cm ³	
Solids content	33	± 2 Weight-%	46	± 2 Weight-%	37	± 2 Weight-%	
Organic Solvent Content.	67	± 2 Weight-%	54	± 2 Weight-%	63	± 2 Weight-%	
VOC Content (CH / EU)	64.5	%	645	g/l	53.4	%	534 g/l
Shelf life at 20 °C	12 Months		6 Months in well shut containers				
Theoretical Coverage	125 g/m ² →8		m ² /kg for 40		µm dry layer thickness		

Safety Data	Coating	Hardener
Flash point	-5 °C	0 °C
Transport ADR/RID	Class: 3 VP: II	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	30-50 µm	1480C
	2 x Crackle	AVKOTE GP Crackle Glaze (while Lacquer is still wet)	30-50 µm	5393/CR
	2 x Top Coat	AVKOTE GP (Backing Colour)	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 do a small test prior to the complete application.

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. 148500 and 279H00.				
	Stir	Before use ensure contents are stirred together well with hardener if applicable.				
	Mixing Ratio	4 : 1 by volume with Avkote 279 hardener				
	Pot life at 20 °C	8 Hours				
	Thinners	Supplied ready to spray				
	brush	Not recommended				
	Roll	Not recommended				
		Viscosity DIN-4	Thinners	Nozzle	Pressure	Spray coats
	HVLP Gravity Feed Spray-gun	16-20" DIN-4	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
	Airless-(Airmix)-Spray	22 - 25" secs	Ready to Spray	11/40	3 – 4 bar Atomising air 1.5 - 2	1 - 2
	NONE HVLP paint gun	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 40 µm dry coating at 65 % of relative humidity				
	At 20 °C	Tack-Dry	after:	30	Minutes	
		Touch – Dry	after:	60	Minutes	
		Completely Dry	after:	10	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 or U Cleaner.	

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