

Technical data sheet

Edition of: 23.07.2020

Replaces edition of: 05.12.2008

AstraStat ESD Type B

2K PUR ESD-DISSIPATIVE PAINT, MAT

General description		
Description of the product	Permanently dissipative 2-pack PUR single-layer or top-coat for high quality, abrasion- weather- and chemical resistant coatings – also for partly difficult substrates such as e.g. FRP. Surface resistance $<3.5 \times 10^7 \Omega$ (according IEC 61340-2-3)	
Basis of the product	Cross-linking polyisocyanate acryl-resin	
Field of application	For equipment of permanently dissipative surfaces.	
Delivery-form	Colours	light grey approx. RAL 7035 light blue approx. RAL 5012 clear ivory approx. RAL 1015 black approx. RAL 9005 white-grey approx. RAL 9002 Colours available only in approx-tones. Colour-deviations are possible due to the colour of the conductive-pigment.
	Hardener	04S-AS-HRT
Gloss degree	Mat	
Packing	Master-Paint	4,8kg non returnable cans
	Hardener	0,8kg non returnable cans

Technical datas	Paint	Hardener	Mixture
The datas are valid for AstraStat ESD Type B R7035. For other colours they might deviate.			
Delivery-viscosity (23 °C)	200-250 mPas		
Density (23 °C)	1.4 g/cm ³	1.0 g/cm ³	1.3 g/cm ³
Solid-contents	69 %	75 %	70 %
Contents of org. solvents	31 %	25 %	30 %
Shelf-life at 23 °C	6 Months	6 Months	in airtightly closed cans
Theoretical consumption	81 g/m ² →	12 m ² /kg for	30 µm Dry film thickness

Safety datas	Paint	Hardener
Flash point	See Safety Data Sheet	
Transport RID/ADR		
Labelling		

TBU

Processing						
Mix-ratio	6:1 by weight					
Pot-life at 23 °C	5 hours					
Minimum processing and drying-temperature	+ 10 °C					
Application Rolling Spraying	Dilution		Viscosity		Remarks	
	%	Type	[sec]			
	max 8	04S-VA			Or original viscosity	
	apx 20	04S-VA	30 DIN-4			
The well-stirred master-paint to be mixed together with the Hardener approx 15 minutes prior to the use.						
Drying-time	For 30 µm Dry film at 20 °C and 65 % rel. air-humidity					
	Dust-dry		after:	30	Minutes	
	Dry to touch		after:	4	Hours	
Tool-Cleaning	Immediately after use with 04S-VA thinner.					
Special restrictions						
Precautions	The national working-hygienic – as well as the measurements for the technical arrangements have to be fulfilled. Consult our safety data sheet!					

Structure-recommendations					
Substrates/Pretreatment Plastics	All substrates must be absolutely free from dirt, oil and grease. Must be free from mould release agents.				
Structure-recommendation Steel and aluminium Plastics	The painting structure to be directed to the future use of the coat. We recommend to ask for our individual advice.				
	1x	04S-HP11	1K Adhesionprimer	max. 20 µm	
	1x	04S-AS-ESD-B	AstraStat ESD Type B	30 ± 5 µm	
	1x	04S-AS-ESD-B	AstraStat ESD Type B	30 ± 5 µm	

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