AY 410-50 1K-Acryl-Planenlack halbglänzend

Technical data sheet



Intended use .

Fast drying highly flexible paint for high-quality coatings on PVC tarps for commercial vehicles, tents and other flexible surfaces. For interior and exterior use. Excellent weather resistance. Durable flexibility.

Processing instructions

	Mixing ratio hardener 		by v 	by weight (lacquer : hardener) 		by volume (lacquer : hardener) 	
Ø	Hardener 						
	Pot life 						
A	Thinner Mipa Verdünn	ung UN 21					
∏s	Processing viscosity gravity spray gun 			Airmix/Airless 			
	Application application n		hardener	pressure (bar)	nozzle (mm)	spray passes	dilution
	gravity spray (HVLP	gun/		2,0 - 2,5	1,2 - 1,3	2 - 4	40 - 50 %
\bigcirc	Drying time hardener	object temperat		touch	ready for assembly	sandable	recoatable
Fully cured a	 after 2 days (at 2	20 °C 20 °C).	2 - 3 min		5 min		-

Note		
Characteristics:	binder base: solids content (% by weight): solids content (% by volume): delivery viscosity DIN 53211 4 mm (in s): density DIN EN ISO 2811 (kg/l): gloss level ISO 2813 at 60° (GU):	acrylic copolymer ~ 48 ~ 29 100 - 120 ~ 1,3 40 - 50 semi-gloss

Version: en 3/0723 This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

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	Professional Coating Systems					
Properties:	very short drying times barrier effect for plasticisers and high UV protection very good adhesion to plastics and high flexibility heat resistance: - short-term heat exposure: 130°C - permanent heat exposure: 70°C adhesion to PVC					
Theoretical spreading rate :	$\sim 27,9~m^2/kg$ for 10 μm dry film thickness $\sim 29,8~m^2/l$ for 10 μm dry film thickness					
Storage:	For at least 3 years in the unopened original container. Optimum storage conditions between +5 °C and + 25 °C, avoid direct sunlight. Other storage conditions may lead to undesirable properties of the material.					
VOC:	< 570 g/l.					
Processing conditions:	From + 10 °C and up to 80 % relative humidity. Ensure adequate air ventilation.					
Substrate preparation:	PVC: - clean (remove completely any mould release agents), degrease with Mipa Kunststoffreiniger. Do a test application to check adhesion.					
Proposed coating structure:	single coat system PVC AY 410-50 with 10 - 20 μm dry film thickness					
Special notes:	For professional use only.					
	The details of the paragraphs - Proposed coating structure, Characteristics, Theoretical spreading rate, VOC - refer to the colour shade RAL 7035. For other colour shades, these may deviate.					
	Applying too thick layers may extend considerably the drying time.					
	Especially UV-resistant pigmentations are available on demand.					
	Check colour prior to application.					
Cleaning of tools:	Clean tools immediately after use with Mipa Nitroverdünnung.					

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