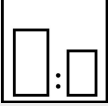



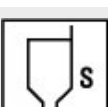




Intended use

High-quality, waterborne, opaque monolayer finish based on polyurethane acrylate dispersion for coating plastic parts (sound system sector, telecommunication, etc.), wood (furniture, beer table set, garden furniture, stairs, wooden floor). This finish can be applied by brushing, rolling, curtain or flow coating.

Processing instructions

	Mixing ratio						
	hardener		by weight (lacquer : hardener)	by volume (lacquer : hardener)			
	--	--	--	--			
	Hardener						
	--						
	Pot life						
	--						
	Thinner						
	Mipa WBS VE-Wasser						
	Processing viscosity						
	gravity spray gun			Airmix/Airless			
	20 - 30 s 4 mm DIN			--			
	Application mode						
	application mode	hardener	pressure (bar)	nozzle (mm)	spray passes	dilution	
	gravity spray gun/ HVLP	--	2,0 - 2,5	1,2 - 1,3	2 - 3	0 - 5 %	
	brush, roller*	--	--	--	--	0 %	
	flow, curtain	--	--	--	--	0 %	
	Drying time						
	hardener	object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
	--	20 °C	35 - 45 min	2 h	--	--	--

Die Endhärte wird nach 7 - 9 Tagen (20 °C) erreicht.

Note

Characteristics:	binder base:	Polyurethan-Acrylat Dispersion
	solids content (% by weight):	~ 39
	solids content (% by volume):	~ 26
	delivery viscosity DIN 53211 4 mm (in s):	40 - 50
	density DIN EN ISO 2811 (kg/l):	~ 1,2
	gloss level ISO 2813 at 60° (GU):	35 - 45 seidenmatt

Version: en 12/0324

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.

MIPA SE · Am Oberen Moos 1 · D-84051 Essenbach · Tel.: +49 8703 92 20 · Fax: +49 8703 92 21 00 · mipa@mipa-paints.com · www.mipa-paints.com

Properties:	Wasserverdünnbar Blockfest Deckend Hohe mechanische und chemische Belastbarkeit Hervorragend applizierbar, rasche Trocknung Haftung auf Kunststoffen (PVC, ABS, PA, ABS-PC, PC)
Theoretical spreading rate:	~ 22,7 m ² /kg for 10 µm dry film thickness ~ 24,7 m ² /l for 10 µm dry film thickness
Storage:	For at least 2 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:	< 50 g/l.
Processing conditions:	Ab + 10 °C und bis 70 % relative Luftfeuchtigkeit. Für ausreichende Zu- und Abluft sorgen.
Substrate preparation:	The substrate must be clean, solid, dry and free from dust, oil, grease and wax. Old paintworks must be well adherent and sanded slightly. Check the adhesion by applying a test coat. Wood (wood moisture: max. 15 %): - pre-sand with grit P 180 - P 280 and remove dust thoroughly. plastics: - clean (remove completely any mould release agents), degrease with Mipa Kunststoffreiniger, sand slightly and degrease again with Mipa Kunststoffreiniger
Proposed coating structure:	Plastics (PVC, ABS, PA, ABS-PC, PC): WPA 2100-40 with 40 - 50 µm dry film thickness wood: priming coat: WPA 2100-40 with 40 - 50 µm dry film thickness finishing coat: WPA 2100-40 with 40 - 50 µm dry film thickness

Special notes:

*Suitable: Paint roller Royal, Glattfilt.

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.

Stir well before applying.

Apply an anticorrosion agent on adjacent metal parts.

Suitable for interior use and applications in the protected outside area.

Paints that have been tinted with aluminium pastes must be protected from heat. Store at max. 35° C. Failure to take this into account may lead to an internal pressure build-up.

Drying times reduce with increasing air velocity and decreasing relative humidity. When drying with air guns, the drying time can be reduced considerably. Optimum processing conditions: air temperature 20 - 25 °C, object temperature > 15 °C, relative air humidity 40 - 60 %, air velocity > 0,4 m/s.

Check colour shade prior to application.

In case of especially high mechanical stresses, e. g when applied on beer table sets, garden furniture, etc. we recommend applying a clear finish with WPA 2100-40 (only the binder, not tinted).

Cleaning of tools:

Clean tools immediately after use with Mipa WBS-Pistolenreiniger.