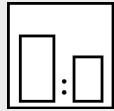


Intended use

Fast drying, water-based finishing varnish for PVC tarps and flooring, balls, PUR foam profiles and so on in interior and exterior use. Can be used as 1K or 2K product. Can also be used untinted as a transparent coating.

Processing instructions



Mixing ratio

hardener

1K = --

2K = WBC-Härter

by weight (lacquer : hardener)

--

5 : 1

by volume (lacquer : hardener)

--

5 : 1



Hardener

1K = --

2K = Mipa WBC-Härter



Pot life

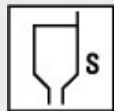
1K = --

2K = 3,5 h at 20 °C*



Thinner

Mipa WBS VE-Wasser



Processing viscosity

Always stir first the hardener in the paint and then thin by adding Mipa WBS VE-Wasser. Never mix water with the hardener.

gravity spray gun

25 - 30 s 4 mm DIN

Airmix/Airless

--



Application mode

application mode

gravity spray gun/
HVLP

roller**

hardener

--

--

pressure (bar)

2,0 - 2,5

--

nozzle (mm)

1,2 - 1,3

--

spray passes

2 - 3

--

dilution

10 - 15 %

0 - 15 %



Drying time

hardener

--

--

object temperature

20 °C

60 °C

dust dry

20 - 30 min

--

set to touch

4 - 6 h

30 min

ready for assembly

24 h

60 min

sandable

--

--

recoatible

--

--

Fully cured after 3 - 4 days (at 20 °C).

Note

Characteristics:	binder base:	polyurethan acrylate system
	solids content (% by weight):	~ 45
	solids content (% by volume):	~ 30
	delivery viscosity DIN 53211 4 mm (in s):	40 - 50
	density DIN EN ISO 2811 (kg/l):	~ 1,3
	gloss level ISO 2813 at 60° (GU):	60 - 70 satin gloss
Properties:	Water-based	
	Barrier effect for plasticisers	
	No blocking up to 80 °C	
	Viscoelastic up to - 40 °C	
	Elongation at break: 400 %	
	UV- and weather-resistant	
	Highly resistant to mechanical stress and chemical agents	
	Excellent application, fast drying	
	Adhesion to plastics (PVC, PC-ABS, PUR)	
Theoretical spreading rate:	~ 26,4 m ² /kg for 10 µm dry film thickness.	
	~ 29,2 m ² /l for 10 µm dry film thickness.	
	~ 33,1 m ² /kg, 5:1 by weight with WBC-Härter, for 10 µm dry film thickness.	
	~ 36,4 m ² /l, 5:1 by weight with WBC-Härter, 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:	< 25 g/l.***	
Processing conditions:	From + 10 °C and up to 80 % relative humidity. Ensure adequate air ventilation.	
Substrate preparation:	Plastics: - Clean (remove completely any mould release agents), degrease with Mipa Kunststoffreiniger, sand slightly and degrease again with Mipa Kunststoffreiniger. PVC tarps and floorings, PUR foam profiles: - Clean thoroughly and roughen the substrate using scouring agents or non-woven sanding materials. Then clean with Mipa Kunststoffreiniger antistatisch and dry with a cloth. Make a test application to ensure the adhesion.	
Proposed coating structure:	Plastics: WPA 2400-70 from 30 up to max. 50 µm dry film thickness. PVC tarps, PVC-floorings, PUR foam profiles: WPA 2400-70 from 30 up to max. 50 µm dry film thickness.	

Special notes:

*Attention: Indicated pot life refers to paint material thinned with 15 % VE-Wasser. In case of higher initial viscosity the pot life is reduced. The end of pot life does not manifest itself by viscosity increase. Exceeding the pot life results in a lower resistance to mechanical and chemical strains, in a reduction of gloss and in a higher tendency to blister.

**In case of textured or very rough PVC tarps the paint can also be applied by means of a short hair paint roller. In doing so, reticulation problems due to porous surfaces can be avoided. When choosing roller application without hardener (1K), it's not necessary to add thinner.

***This product contains the following maximum VOC-values:

- Applied by brush/ roller, spraying: < 25 g/l of VOC.

- Applied by brush/ roller, spraying with hardener WBC-Härter: < 75 g/l of VOC.

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.

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.

Frost-free storage.

Check colour shade prior to application. .

Especially UV-resistant pigmentations are available on demand.

High mechanical stress (caused by folding the tarp or by pulling the painted tarp over other tarp surfaces when opening and closing) and excessive wear by cleaning (when brushing, steam cleaning, a. s. o.) will have an effect on the service life of the coating.

Cleaning of tools:

Clean tools immediately after use with Mipa WBS-Pistolenreiniger.

If required we also offer cleaning agents that are suitable for 2-component mixing and dosing units. Please contact your technical adviser or our application technicians.