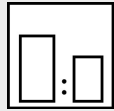


Intended use

Fast drying 2K polyurethane paint for high-quality finishes on furniture (bathroom, kitchen and office furniture). Can be applied by spray gun and curtain coater.

Processing instructions



Mixing ratio

hardener

PU 912-XX, PU 950-25, H

by weight (lacquer : hardener)

10 : 1

by volume (lacquer : hardener)

–



Hardener

Mipa PU 912-10, PU 912-25, PU 950-25, H 5



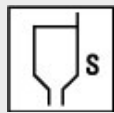
Pot life

with -10 approx. 8 h at 20 °C



Thinner

Mipa 2K-Verdünnung



Spray viscosity

gravity spray gun

20 - 25 s 4 mm DIN

Airmix/Airless

–



Application mode

application mode

gravity spray gun/
HVL P

curtain coater

hardener

–

–

pressure (bar)

2,0 - 2,5

–

nozzle (mm)

1,2 - 1,3

–

spray passes

2 - 4

–

dilution

10 - 15 %

10 - 15 %



Drying time

hardener

–

–

object temperature

20 °C

60 °C

dust dry

15 - 20 min

–

set to touch

–

–

ready for assembly

–

–

sandable

50 - 60 min

–

recoat able

–

–

Stackable after 2 hours at 20°C or after 30 minutes at 60°C. Fully cured after 2 - 3 days (at 20 °C).

Note

Characteristics:

binder base:	polyurethane-CAB-system
solids content (% by weight):	33 - 39
solids content (% by volume):	16 - 21
delivery viscosity DIN 53211 4 mm (in s):	30 - 35
density DIN EN ISO 2811 (kg/l):	1,0 - 1,2
gloss level ISO 2813 at 60° (GU):	20 - 30 satin matt

- Properties:** short drying time
chemical resistance: stress group 1B
highly water-resistant
highly UV- and weather-resistant
heat resistance:
- short-term heat exposure: 120°C
- permanent heat exposure: 80°C
adheres on veneer, foil surfaces and solid wood
- Theoretical spreading rate :** 15,6 - 22,3 m²/kg, 10:1 by weight with PU 912-10, for 10 µm dry film thickness
18,3 - 22,8 m²/l, 10:1 by weight with PU 912-10, 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 Regulation :** This product contains the following maximum VOC-values:
undiluted: < 680 g/l of VOC
- Processing conditions:** from+ 10 °C and up to 80 % relative humidity. Ensure adequate air ventilation.
- Substrate preparation:** veneer surfaces (stained, unstained), foil surface, solid wood:
- pre-sand with grit P 180 –P 280 and remove dust thoroughly
- glass:
- Before coating, it is indispensable to determine definitely the recoatable glass surface
(e.g. by means of an appropriate measure device to determine the tin side of float glass) because it is generally impossible to coat the side which came in contact with the tin bath.
- degrease with Mipa WBS Reiniger or Mipa Silikonentferner
- Proposed coating structure:** veneer surfaces (stained, unstained), foil surface, solid wood:
priming coat: PU 230-30 with 50 - 60 µm dry film thickness
finishing coat: PU 230-30 with 50 - 60 µm dry film thickness
- MDF:
priming coat: VB 103-20 with 40 - 50 µm dry film thickness
finishing coat: PU 230-30 with 50 - 60 µm dry film thickness
- glass:
priming coat: 1K-Glasprimer
finishing coat: PU 230-30 incl. PU 950-25 with 50 - 60 µm dry film thickness

Special notes:

For professional use only.

Check colour shade prior to application.

In case of application by means of an Airmix/Airless device, it is recommended testing beforehand the equipment for its suitability. If micro foam or blistering emerge during the application with an Airmix/Airless device, it is recommended adding more thinner or using the additives 2K-Systemzusatz PUA and PUS. Furthermore, the film thickness should be kept as low as possible.

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

Cleaning of tools:

Clean tools immediately after use with Mipa Nitroverdünnung.