

Intended use

Fast drying, waterborne 2K satin gloss tarp paint for high-quality coating of PVC tarps in truck sector and on car trailers etc, for interior and exterior use. Mipa WBC Binder 2K-Planenlack is tintable with Mipa WBC-Mischlacken and offers therefore a large range of colours. If not tinted, Mipa WBC Binder 2K-Planenlack can also be used as a pure clearcoat on PVC tarpaulins.

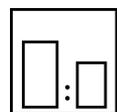
Spreading rate: 25,8 - 33,4 m²/l (for 10 µm DFT)

Processing instructions



Colour

tintable with Mipa WBC-Mischlacken



Mixing ratio

Hardener

Mipa WBC-Härter

by weight (lacquer : hardener)

5 : 1

by volume (lacquer : hardener)

5 : 1



Hardener

for complete paintwork

–

for partial paintwork

–



Pot life

3,5 h at 20 °C



Thinner

Mipa WBC-Verdünnung



Spray viscosity

Always stir the hardener thoroughly into the base paint first and only then dilute with Mipa WBC Verdünnung. Never add water to the hardener.

gravity spray gun

18 - 22 s 4 mm DIN

Airmix/Airless

–



Application mode

Application mode

gravity spray gun (high pressure)

HVLP (low pressure)

HVLP / internal nozzle pressure

Hardener

–

–

–

pressure (bar)

2 - 2,5

2 - 2,2

0,7

nozzle (mm)

1,2 - 1,3

1,2 - 1,3

–

spray passes

2 - 3

2 - 3

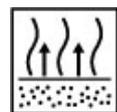
–

Thinner

10 - 20 %

10 - 20 %

–



Flash-off time

5 - 8 min between coats

Dry coat thickness

30 up to max. 50 µm dry film thickness



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
20 °C	10 - 20 min	25 - 35 min	–	–	–

Note

Storage:

for at least 2 years in unopened original container
Store in a frost-free place.

VOC Regulation :

EU Limit value for this product of category B/d: 420 g/l
This product contains max. 420 g/l of VOC.

Processing conditions:

from +10 °C and up to 80 % relative humidity. Ensure adequate air ventilation.

Drying times reduce with increasing air velocity and decreasing relative humidity.

Optimum processing conditions:

air temperature 20-25°C
object temperature > 15°C
relative air humidity 40-60 %
air velocity 0,25 - 0,3 m/s

Processing instructions: Gloss level DIN EN ISO 2813 W 60° (gloss units): satin gloss = 70 GU

Substrate preparation:

Thoroughly clean PVC tarpaulins with scouring cream and non-woven sanding pad and slightly roughen the substrate, then damp wipe with Mipa Kunststoffreiniger antistatisch and then wipe with a dry cloth.

If necessary, the general recoatability of the PVC substrate should be checked in advance by means of a test coating followed by an adhesion test on an inconspicuous area.

1. Application of Mipa WBC Binder 2K-Planenlack as tinted topcoat

Prepare the ready-to-spray mixture:

Please note that the binder must be shaken or stirred well before tinting and later before application in order to achieve a homogeneous and correct gloss level.

70 parts by weight of Mipa WBC Binder 2K-Planenlack + 30 parts by weight of Mipa WBC tinter in the desired colour shade

Please note: Due to the system, the binder additives will lighten the colour shade.

This mixture + Mipa WBC-Härter mixing ratio 5 : 1 by weight/ by volume

Important: Always stir the hardener thoroughly into the base paint first and only then dilute with Mipa WBC Verdünnung. Never add water to the hardener.

Adjust the spray viscosity of this mixture with hardener by adding 10 - 20 % of Mipa WBC-Verdünnung.

2. Application of Mipa WBC Binder 2K-Planenlack as colourless coating

Prepare the ready-to-spray mixture of Mipa WBC Binder 2K-Planenlack untinted:

Mipa WBC Binder 2K-Planenlack + Mipa WBC-Härter mixing ratio 5 : 1 by weight/ by volume

Important: Always stir the hardener thoroughly into the basecoat first and only then dilute with Mipa WBC Verdünnung. Never add water to the hardener.

Adjust the spray viscosity of this mixture with hardener by adding 10 - 20 % of Mipa WBC-Verdünnung.

Note:

High mechanical stress (frequent bending of the tarpaulin or if coated tarpaulins are regularly dragged over other tarpaulin surfaces when opening and closing) and excessive wear due to cleaning (brushing, steam blasting, etc.) reduce the durability of the coating accordingly.