# Mipa WBC Binder 2K-Planenlack

Technical data sheet



Version: en 0521

#### 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  $\mu m$  DFT)

### Processing instructions

|       | <b>Colour</b><br>tintable with Mipa WBC  | -Mischlacken     |                   |                   |                               |                   |
|-------|--|------------------|-------------------|-------------------|-------------------------------|-------------------|
|       | <b>Mixing ratio</b><br>Hardener<br>Mipa WBC-Härter   | <b>by</b><br>5:1 | weight (lacquer   |                   | <b>by volume (la</b><br>5 : 1 | cquer : hardener) |
|       | Hardener<br>for complete paintwor<br>  | rk               | for<br>           | r partial paintw  | vork                          |                   |
|       | <b>Pot life</b><br>3,5 h at 20 °C  |                  |                   |                   |                               |                   |
|       | <b>Thinner</b><br>Mipa WBC-Verdünnung  |                  |                   |                   |                               |                   |
| ∏s    | Spray viscosity<br>Always stir the hardene<br>Verdünnung. Never add<br>gravity spray gun<br>18 - 22 s 4 mm DIN |                  | ardener.          | first and only th | nen dilute with               | Mipa WBC          |
|       | Application mode<br>Application mode   | Hardener         | pressure<br>(bar) | nozzle (mm)       | spray<br>passes               | Thinner           |
|       | gravity spray gun (high<br>pressure)   |                  | 2 - 2,5           | 1,2 - 1,3         | 2 - 3                         | 10 - 20 %         |
|       | HVLP (low pressure)  |                  | 2 - 2,2           | 1,2 - 1,3         | 2 - 3                         | 10 - 20 %         |
|       | HVLP / internal nozzle<br>pressure   | -                | 0,7               | -                 | -                             |                   |
| ),),) | Flash-off time   |                  |                   |                   |                               |                   |

5 - 8 min between coats

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### Dry coat thickness

30 up to max. 50  $\mu m$  dry film thickness

| $\bigcirc$             | Drying time<br>object<br>temperature | dust dry  | set to<br>touch           | ready for<br>assembly | sandable | recoatable |  |  |
|------------------------|--------------------------------------|---|---------------------------|-----------------------|----------|------------|--|--|
|                        | 20 °C                                | 10 - 20 min   | 25 - 35 min               | -                     |          |            |  |  |
|                        |                                      |   |                           |                       |          |            |  |  |
| Note                   |                                      |   |                           |                       |          |            |  |  |
| Storage:               |                                      | for at least 2 years in unopened original conatiner<br>Store in a frost-free place.                               |                           |                       |          |            |  |  |
| VOC Regulation :       |                                      | EU Limit value for this product of category B/d: 420 g/l<br>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 processin<br>air temperature 20-2<br>object temperature<br>relative air humidity<br>air velocity 0,25 - 0 | 25°C<br>> 15°C<br>40-60 % |                       |          |            |  |  |

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| 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<br>regularly dragged over other tarpaulin surfaces when opening and closing) and<br>excessive wear due to cleaning (brushing, steam blasting, etc.) reduce the durability<br>of the coating accordingly. |  |  |  |  |
|                          |  |  |  |  |  |
|                          |  |  |  |  |  |
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