

## Product Information

### Product description

|                             |  |                        |                   |
|-----------------------------|--|------------------------|-------------------|
| <b>Operational Sector :</b> | Mipa Heizkörperlack is a special glossy radiator paint formulated for the painting of all commercial hot water and steam heaters. Heat resistant up to 180° C, resistance to thermal yellowing up to 120° C.   |                        |                   |
| <b>Features :</b>           | <ul style="list-style-type: none"><li>- excellent opacity,</li><li>- good impact resistance, shock and scratch proof,</li><li>- heat resistant up to 180° C,</li><li>- resistance to thermal yellowing up to 120° C,</li><li>- outstanding performance at high temperature, doesn't brittle,</li><li>- easy to process,</li><li>- high gloss,</li><li>- good filling capacity.</li></ul> |                        |                   |
| <b>Composition :</b>        | Alkyd resins, aromatic and aliphatic hydrocarbons, inorganic pigments, additives.  |                        |                   |
| <b>Colour :</b>             | white  |                        |                   |
| <b>Specification :</b>      | Viscosity:   | approx. 125 s 4 mm     | <b>DIN 53 211</b> |
|                             | Specific weight:   | 1.16 g/cm <sup>3</sup> | <b>DIN 51 757</b> |
|                             | Gloss:   | glossy                 | <b>DIN 67 530</b> |
| <b>Storage :</b>            | At least 3 years, if stored in tightly closed original containers.   |                        |                   |
| <b>VOC regulation:</b>      | EU limiting value for the product (cat. 1/i): 500 g/l<br>This product contains max. 500 g/l VOC [4.17 lbs/gal]   |                        |                   |

### Application

|                                |   |
|--------------------------------|---|
| <b>Processing conditions :</b> | From + 10 °C and up to 80 % relative air humidity.  |
| <b>Substrate features :</b>    | The substrate has to be clean, dry and free of oil, rust, dust and loose parts. Ensure the existing coating is in good condition and firmly adhering. Remove all loose parts. Sand the surface to provide an improved key. Clean. Prime blank metal with Mipa Primer. |
| <b>Surface preparation :</b>   | Ensure the existing base coating is according to <b>DIN 55 900</b> . Prime the untreated surfaces with Mipa Primer and allow 24 hours full cure before further processing.  |
| <b>Thinner :</b>               | Mipa Verdünnung KH  |

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.

## Product Information

|                              |   |                   |                   |
|------------------------------|---|-------------------|-------------------|
| <b>Application process :</b> | Brushing or spraying (Airless/air)        |                   |                   |
|                              | <b>Brushing :</b><br>Dilute up to max. 5% |                   |                   |
|                              | <b>Spraying :</b>                         |                   | <b>(Airless):</b> |
|                              | Viscosity : 20 - 25 s 4mm DIN             |                   | 50 - 60 s 4mm DIN |
|                              | Nozzle : 1.3 - 1.8 mm                     |                   | 0.28 - 0.33 mm    |
|                              | Pressure : 3 - 4 bar                      |                   | 140 - 160 bar     |
|                              | Operations : 1 - 2                        |                   | 1 - 2             |
| <b>Drying times :</b>        | Dust dry:                                 | after 1 - 2 hours |                   |
|                              | Dry to touch:                             | after 12 hours    |                   |
| <b>Top coat :</b>            | 1 - 2 coats Mipa Heizkörperlack           |                   |                   |
| <b>Consumption :</b>         | approx. 14 m <sup>2</sup> / litre.        |                   |                   |

### Special recommendations

Heat slowly the new painted radiators. Provide adequate ventilation.  
White, or light colours based on white have a tendency to colour change when exposed to reduced daylight or to artificial light. In an atmosphere rich in ammonia this phenomenon is much stronger. Stir well and strain before Airless application.  
It can take up to 3 weeks till the final gloss degree is reached.

### Safety instructions

Keep out of reach of children. Keep container in well ventilated place. Keep away from food, drink and animal feeding stuffs. Do not smoke. Do not breathe vapour / aerosol. If swallowed, seek medical advice immediately and show this container or label.

### Cleaning of tools

Tools should be cleaned immediately after use with cellulosic diluent Mipa Nitroverdünnung. Clean immediately the spraying mist with nitro thinner. Use a paint removal agent (Abbeizmittel) to clean the setted film of paint.

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