

Product description

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| Operational Sector : | High solid synthetic resin paint, free of aromatics, intended for hardwearing, high quality weather resistant coating of wood and primed metal. For interior and exterior use. As result of its ventilating properties, the wood moisture will be gradually reduced. Mipa Venti HS 3in1 is especially suitable as basecoat, intermediate coat and finishing coat for windows. | | |
| Features : | <ul style="list-style-type: none">- High solid quality, high opacity, excellent filling, good hiding power even on the edges- easy and quick application, unique flow- high weatherfastness and UV resistance- shock proof, scratch and impact resistance- resistant to cleansing agents and temporary strain of oils, petrol, Diesel, acids and alkali in limited concentration. | | |
| Content as per VDL Reference 01: | Alkyd resin, aliphatic hydrocarbons, titan dioxide, additives | | |
| Colour Availability : | Pro Mix Decorative | | |
| Specification : | Viscosity: | thixotrope | |
| | Spec. weight: | 1.0 - 1.3 g/cm ³ | DIN 51 757 |
| | Gloss: | satin mat | DIN 67 530 |
| Storage Life : | At least 3 years, if stored tightly closed in original containers | | |
| VOC compliant: | EU limiting value for the product (cat. A/d): 300 g/l This product contains max. 299 g/l VOC [2.49 lbs/gal] | | |

Application

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|--------------------------------|--|---|--|
| Process Conditions : | From + 10° C and up to 80 % relative air humidity | | |
| Substrate Preparation : | Ensure the substrate is in good condition, firmly adhering, dry, and free from dust, oil, grease, wax and corrosion products. Remove completely old damaged coats. Sand and clean firmly adhering old layers of paint. Sand the wooden surfaces in fibre direction and clean thoroughly. Sap-stain or resin on the wood should be removed. Break the sharp edges (see also BFS-Merkblatt Nr.18). | | |
| Application Process: | Rolling, brushing; | optimal results will be obtained by wet film thickness of 80 -100 µm. | |
| Dilution : | Ready to use. When necessary, dilute with Mipa KH-Verdünnung or Mipa Terpentinersatz | | |
| Dry (23°C/50 %R.F) : | by wet film thickness of 80 -100 µm: dust dry: after 2 hours; set to touch: after approx. 5 h recoatable: after approx. 16 h | | |

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.

Prolonged drying times after application due to higher coat thickness and lower temperature conditions.

Build up of paint layers :

Wood :

Wood moisture content below 15 %.

For outdoor applications:

1. Impregnation: Mipaxyl spezial
2. Base coat: Mipa Venti HS 3 in 1, Mipa Malervorlack HS or Mipa Allgrund
3. Intermediate coat: Mipa Venti HS 3in1
4. Top coat: Mipa Venti HS 3in1

For indoor applications:

1. Base coating: Mipa Venti HS 3in1, Mipa Malervorlack HS or Mipa Allgrund
2. Intermediate coat: Mipa Malervorlack HS or Mipa Venti HS 3in1
3. Top coat: Mipa Venti HS 3in1

Metal :

Iron, steel:

1. Pretreatment: degrease with Mipa Silikonentferner
2. Base coat: Mipa Metallgrund Premium or Mipa Allgrund
3. Intermediate coat: Mipa Metallgrund Premium or Mipa Allgrund
4. Top coat: Mipa Venti HS 3in1

Non metals (aluminium, zinc plated substrates):

1. Pretreatment: degrease with Mipa Silikonentferner or Mipa WBS Reiniger
by zinc plated substrates: clean with ammonia alkaline wetting agent (Mipa Zinkreiniger)
2. Base coat: Mipa Allgrund
3. Intermediate coat: Mipa Venti HS 3in1
4. Top coat: Mipa Venti HS 3in1

Consumption :

Approx. 10 - 12 m²/ litre

Special Recommendations

Generally, to ensure maximum performance, the cleaning methods and the application process have to be chosen according to the condition of the object and its purpose.

White colour or colours based on white exhibit the tendency to change their shade especially by poor day light or artificial light. This is a system characteristic. This phenomenon becomes stronger in case of an ambient with ammonia content. It can take up to 3 weeks till the final gloss degree is reached.

Regular and professional maintenance is essential for the serviceability and the durability of the treated wood construction elements. Further instructions as well as the required maintenance schedule are given in BFS Merkblatt Nr. 18 des Bundesausschusses Farbe und Sachwertschutz, Appendix C.

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Safety Instructions

Keep out of the reach of children. Extinguishing media in case of fire: sand, carbon dioxide, dry chemical; do not use water.
In case of ingestion, call a physician immediately and show this container or label.

Cleaning of Tools

Tools should be cleaned immediately after use or at longer breaks with cellulosic diluent Mipa Nitroverdünnung.

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