

| Characteristics | Powder coating for interior use | | |
|--|--|---|--|
| | Application, e.g. in the functional furniture and storage technology sector | | |
| | satin mat, smooth | | |
| | Metallic effect, bonded | | |
| | Smooth to apply | | |
| | Good mechanical resistance and surface hardness | | |
| System Coating | System Liquid Coating | | |
| | For various applications, there are coatings available, whose optical appearance regarding colour, gloss degree and surface is in optimum balance. | | |
| Technical / Physical Data | Binder-Base | epoxy polyester resin | |
| | Colour | all common colour shades | |
| | Gloss value | satin mat | |
| | Test layer thickness | 80 µm by colour RAL 9006 | |
| | Density calculated | 1,2-1,7 g/cm ³ colour-dependent | |
| | Material usage | 0,12 kg/m² with 80 μm mean test layer thickness | |
| Mechanical Test on steel panel ST 1405 | Cross-cut-test DIN EN ISO 2409 | Gt 0 | |
| | Erichsen index DIN EN ISO 1520 | >2 mm | |
| | Impact-Test DIN EN ISO 6272-1 | >40 kg cm (front) | |
| Resistance Test | on iron phosphated steel page 1 | anel | |
| | Condensate constant clima DIN EN ISO 6270-2 (CH) | te 500 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8 | |
| | Salt spray test (NSS) DIN EN ISO 9227 | 240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8 | |
| | Chemical resistance | Needs to be checked. The temperature and concentration of chemicals have a major influence on the test outcome. | |
| Processing and application Dependent on plant and buildings | Processing / Loading Corona, Tribo | | |
| | Pretreatment The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue. If requirements are more demanding than this, we recommend appropriate levels of phosphatizing or chromatizing. | | |
| | Touch-up coating: on end | quiry | |

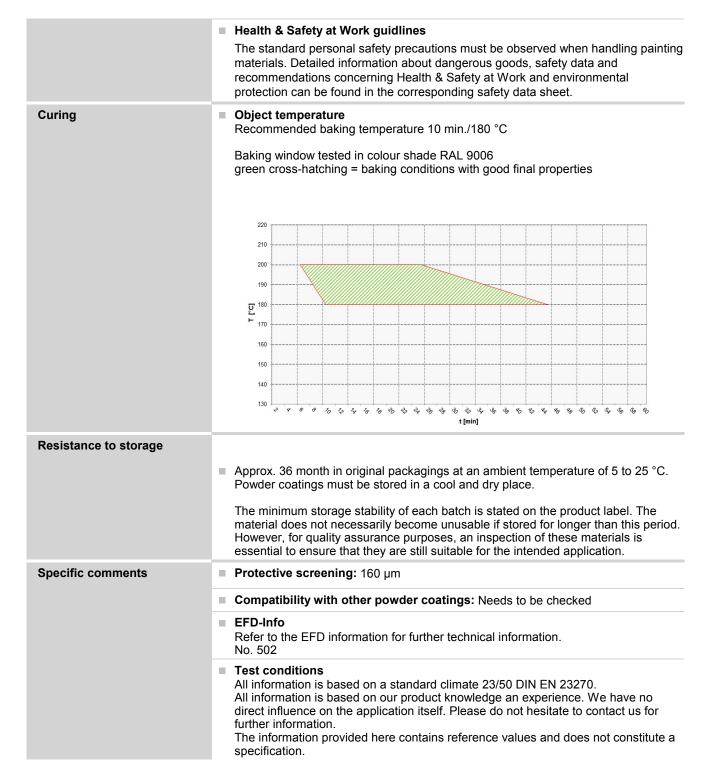
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| Page: 1 / 2 Version: 1 | |
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Page: 2 / 2 Version: 1 21.11.2021

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