

Provisional Technical Data Sheet

OLDODUR BLADE FINISH HS

Two-component, solvent-based polyurethane coating.

Art. No. I306-colour shade

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| Viscosity/efflux time (+20°C) (RELIUS method 10-PA014/A) | DIN6 Base: approx. 3200 mpas Hardener: 8 Mixture: 32 | |
| Density (+20°C) (DIN EN ISO 2811-1) | Base: approx. 1.52 g/ml (depending on colour shade) Hardener: approx. 1.11 g/ml Mixture: approx. 1.42 g/ml (depending on colour shade) | |
| Mixing ratio | 4.5 : 1 parts by weight or 3.3 : 1 parts by volume with Art. No. I385-0306 | |
| Workable life | Climate Workable life | |
| | 20°C / 30% rel. humidity | not tested |
| | 23°C / 65% rel. humidity | 60 min. |
| | 30°C / 80% rel. humidity | not tested |
| Solids content of mixture | Volume: approx. 58 % Weight: approx. 73 % | |
| VOC content (mixture) | Approx. 400 g/l (depending on colour shade) | |
| Sheen level/surface 60° measuring angle (DIN 67530) | < 30 gloss units | |
| Colour shades | RAL 7035 RAL 7038 | |
| Storage stability at +20°C | Approx. 6 months in firmly closed original containers. Seal open containers airtight and use up soon. Protect from frost, heat and humidity. | |
| Film thickness and consumption (per coat), theoretical spreading rate | At a recommended dry film thickness of 80 µm on even surfaces theoretical: approx. 164 g/m ² or 142 ml/m ² corresponds to: approx. 6.1 m ² /kg or 7.2 m ² /l Non-binding reference values since surfaces and their consumption rates vary. Carry out a test application according to DIN 53220 to assess the exact spreading rate. | |

Surface preparation:

The surface preparation is decisive for the durability of all coating systems.

Surfaces must be clean, dry, solid and free of dust, parting agents and other soiling. Substrates (EP laminate) must be sanded prior to touch up and repair.

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| Application temperature | +18°C min. up to +30°C max. air and surface temperature, max. rel. air humidity: 70 % |
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Application:

| Spraying | Airless | Airmix | Compressed air | Roller |
|---|--------------------|---------------------------------|-------------------|-----------------------------|
| Spray pressure: Ø nozzle size: Atomiser pressure: | 210 bar 0.28 mm | 150 bar 0.28 mm 2.5-3 Bar | 3.5 – 4 2.5 mm | Apply at supplied viscosity |

| Drying times at | Drying stage (TG) 1 (dust dry) | Drying stage (TG) 4 (resistant to mechanical stress) | sandable after | Drying stage (TG) 7 |
|-------------------------------|-----------------------------------|---|----------------|---------------------|
| 20°C/30% rel. humidity | Not tested | Not tested | Not tested | Not tested |
| 23°C/65% rel. humidity | 45 min | 3h 45 min | 4 h | 4 h 30 min |
| 30°C/70% rel. humidity | Not tested | Not tested | Not tested | Not tested |
| (DIN EN 53150) | | | | |

Standard coating system:

The coating system depends on the nature of the surface and the stress level it will be exposed to.

Usually the prepared surface is directly coated with Blade Putty. In case of special application ranges, please consult our Application Technology Department.

Safety measures:

The information and safety advice on the containers as well as the respective accident prevention regulations of the responsible trade associations are to be observed at all times when working with this product. For further information, please see the Safety Data Sheets.

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