C3 coating system

Coating type: Single-coat product:
2 pack polyurethane coating (2K-PUR), solvent-based

Characteristics: For moderate corrosion stress (to C3 L in accordance with DIN EN ISO 12944-2), very good scratch and impact resistance, good UV stability, moderate chemical resistance

Colour: RAL 1007 daffodil yellow

Scope of application: externally:
Urban and industrial atmospheres, moderate contamination from sulphur dioxide. Coastal areas with low salinity

internally:
Production areas with high humidity and some air contamination as well as areas with moderate salinity, e.g. food production plants, laundries, breweries, dairy plants, interior rooms with high UV radiation, e.g. through skylights, for applications where mechanical stresses can be expected, overseas transport in a container

Protection period: (L) up to 7 years

Processing information
Dry layer thickness: 100 µm PUR single-coat product
Ambient temperature: at least +15°C, not below 0°C, not above 40°C
Relative humidity: max. 80%
Object temperature: at least +10°C and min. 3°C above the dew point
Processing time: approx. 4 to 6 hours (depending on temperature)
Curing time: Top coat:
Degree of dryness at 100 µm Ambient temperature: +5°C  +10°C  +20°C
DFT: Degree of dryness 1 (dust-dry) ≤ 60 min. ≤ 45 min. ≤ 30 min.
(A temperature that is Degree of dryness 3 (non-sticky) 3 – 4 hours 2 - 3 hours 1 - 2 hours
10°C lower than this Degree of dryness 6 (grip-dry) approx. 8 hours approx. 6 hours 3 - 4 hours
doubles the drying time!)