

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:	according to RAL card or customer's request e.g. NCS British standard
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 DFT:	Ambient temperature:	+ 5 °C	+ 10 °C	+ 20 °C
(A temperature that is 10° C lower than this doubles the drying time!)	Degree of dryness 1 (dust-dry)	≤ 60 min.	≤ 45 min.	≤ 30 min.
	Degree of dryness 3 (non-sticky)	3 – 4 hours	2 - 3 hours	1 - 2 hours
	Degree of dryness 6 (grip-dry)	approx. 8 hours	approx. 6 hours	3 - 4 hours