

VERNICRON® CC

Fluoropolymer Coil Coating Top Coat

Product Range

VERNICRON® CC L131	Plain Colors
VERNICRON® CC L134	Metallic Colors
VERNICRON® CC L135	Clear Coat

Product Description

Vernicron CC is an ultra-durable fluoropolymer coil coating system which is extremely long-lasting, opening limitless possibilities for designing surfaces:

- no gloss limitations - from matt to high gloss.
- no color limitations – solid colors, anodized and metallic colors, special effects for unlimited realization of ideas and dreams.
- Low maintenance surface with easy-to-clean properties and high dirt repellence allowing long cleaning intervals.

Vernicron CC proves exceptional color fidelity over a long life and resists degradation by UV radiation and attack by airborne pollutants, salt, wind-driven sand and chemicals. Excellent flexibility of the coating allows postforming of coil-coated metal into intricate shapes.

Areas of Application

Vernicron CC is used on aluminium, aluminized and galvanized steel for buildings and architecture: These long-life architectural coatings are applied to a broad range of building types – from residential and institutional to commercial and industrial – and can be used on a wide variety of building elements from metal roofing to mullions, copings to column covers, wall panels, skylights, etc.

Application and Dilution

Standard viscosity @ 20 °C:

Delivery viscosity 110 ± 10s DIN 4 mm

Application viscosity 90 ± 10s DIN 4 mm

Special Notes

The information contained in this technical data sheet is based on general technical standards and is meant for specialists. Any changes in the recommended operating procedures or specified environmental conditions may influence the results significantly. Our guarantee covers only the quality of the material delivered. We do not undertake any responsibility for the application. In case of doubt, we recommend contacting our Technical Service. Our products are under constant development. Therefore please note date of issue of our technical data sheet and ask for latest edition.

Safety Measures

Vernicron CC contains solvents and is combustible, and must therefore be protected from heat and kept away from naked flames. Ensure that ventilation is adequate and do not inhale vapours. All regulations regarding work hygiene and operational measures must be observed.

Technical Data

Binder	Fluoropolymer
Gloss (DIN EN 13523-2)	5 - 85 units
Colors	RAL, NCS, VAG or according to sample
Substrate	Aluminium + steel
Pre-treatment	Cleaning and pre-treatment according to DIN EN 12487. The substrate has to be free of oxidation products, tinder, oil, grease or mold release agents.
Primer	Armudur L150
Thinner	V901
Packaging	200 - 220 kg barrels
Storage	6 months in original, unopened packaging
PMT Lab Oven Dwell Time	243 - 249 °C 265 - 305 °C 30 - 45 sec. (depending on substrate thickness)

MEK-Test	> 100 DH
T-Bend adhesion	Gt 0
T-Bend (DIN EN 13523-7)	T1 - 2
Pencil Hardness (DIN EN 13523-4)	Standard F – H (up to 4H upon request)
Impact Test (DIN EN 13523-5)	1 x 25 inch GT 0

Solids content	45 ± 2% by weight	} RAL 9007
Density wet	37 ± 3% by volume	
	1,05 ± 0,02 g/ml	
WFT	50 ± 3 µm	
DFT (DIN EN 13523-1)	20 ± 1 µm	
Coverage	13 - 19 m²/kg @ 20 µm	

	Vernicron CC	V901
VOC value	52 ± 3 %	100 %

(replaces edition 04.21)

05.26