

Sustainability Datasheet

2K-Derocryl Lack 70 ST

Product description

Two-component coating based on an acrylate resin, chemically cured with polyisocyanate (polyurethane). For further product information please refer to the technical datasheet.

Ingredients

organic solvent content	approx. 26 wt.%	(depending on the color tone)
VOC value (mixed)	approx. 361 g/l	(depending on the color tone)
hazardous ingredients (according to CLP regulation)	see Safety Datasheet (chapters 2 and 3)	
CMR substances	not a recipe ingredient	
PBT und vPvB substances	not a recipe ingredient	
Lead, Cadmium, Chromium(VI)	not a recipe ingredient, according to DGNB criterion ENV1.2	
free formaldehyde	not a recipe ingredient, according to VdL regulation 01	
halogenated hydrocarbons	not a recipe ingredient	

Building certification - according to DGNB

Suitability of the product/system for the individual quality levels according to the criteria matrix of the DGNB criterion ENV1.2 "Risks for the local environment", versions 2015 to 2023.

Quality level	1	2	3	4
Row 17 Structural metal components with more than 500 m ² of coated surface in the building. Corrosivity category max. C3 high. (construction and factory)	VOC < 120 g/m ²	VOC < 90 g/m ²	VOC < 60 g/m ²	VOC < 30 g/m ²
2K-Derocryl Lack 70 ST Film thickness: 120 µm	fulfilled	fulfilled	not fulfilled	not fulfilled
Row 18 Structural metal components with more than 500 m ² of coated surface in the building. Corrosivity category higher than C3 high. (construction and factory)	VOC < 150 g/m ²	VOC < 120 g/m ²	VOC < 90 g/m ²	VOC < 60 g/m ²
2K-Hydropox Protec ZP + 2K-Derocryl Lack 70 ST Film thickness: 140 + 60 µm	fulfilled	fulfilled	not fulfilled	not fulfilled

Alternative for metal components pre-painted at the factory:

Verification of the legal limit values according to 31st BImSchV on the base of current, officially accepted monitoring protocols by the coater (**equivalent to quality level 4**)

Examinations / Approvals

Decopaint directive

(Directive 2004/42/EC)

fulfills category d „Automotive repair coatings“

maximum permissible value: 420 g/l

calculated value: 361 g/l

RoHS directive

(Directive 2011/65/EU)

does not contain hazardous substances, in concentrations or applications whose placing on the market is prohibited

Corrosion protection class

(DIN EN ISO 12944-6)

fulfills corrosivity category C3 high

at 120 µm

ILF Magdeburg GmbH, report-no. 180159

fulfills corrosivity category C5 high

at 200 µm built up on 2K-Deripox Protec ZP

ILF Magdeburg GmbH, report no. 200417

fulfills corrosivity category C5 very high

at 360 µm built up on 2K-Deripox Protec ZP

ILF Magdeburg GmbH, report-no. 210446_1

Biobased product

(DIN EN 16785-1)

biobased 
GISCODE

contains proportions of carbon from renewable sources

DIN CERTCO Gesellschaft für Konformitätsbewertung mbH,

registry no. DIC-00008, report no. 1-3-31-BAW-22 rev. 1

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