

Sustainability Datasheet

Derocryl Shopprimer Hydro OptiBase

Product description

Aqueous precoat based on an acrylic dispersion. Temporary corrosion protection for steel constructions and cast iron. For further product information please refer to the technical datasheet.

Ingredients

organic solvent content	approx. 2 wt.%	(depending on the color tone)
VOC value	approx. 63 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 and 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 16 Structural metal components with more than 500 m ² of coated surface in the building. Corrosivity category max. C2 high for interior components. (construction and factory)	VOC < 300 g/l	VOC < 140 g/l water-dilutable	VOC < 140 g/l water-dilutable	VOC < 100 g/l water-dilutable
Shopprimer Hydro OptiBase Film thickness: 25 µm	fulfilled	fulfilled	fulfilled	fulfilled

Row 19 Non-structural metal components with more than 10 m ² of coated surface in the building. (construction and factory)	VOC < 300 g/l	VOC < 300 g/l	VOC < 140 g/l water-dilutable	VOC < 140 g/l water-dilutable
Shoppriemer Hydro OptiBase Film thickness: 25 µm	fulfilled	fulfilled	fulfilled	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 type wb „Metal paints for building structures“ maximum permissible value: 130 g/l calculated value: 63 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 C2 high at 25 µm
Weldability (DIN EN ISO 17652-2)	fulfills the limit values specified in the standard <i>Gesellschaft für Schweißtechnik International mbH,</i> <i>report no. 2002.P0113.01A</i>
GISCODE	BSW30

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