DR. DEMUTH
DERISOL LACKFARBEN

Sustainability Datasheet

2K-Hydropox Protec ZP

Product description

Waterborne two-component primer with active anti-corrosion pigment based on an epoxy resin, chemically cured with polyamine adduct. Good processing properties with high mixing viscosity. For further product information please refer to the technical datasheet.

Ingredients

organic solvent content	approx. 2 wt.%	(8:1 Hardener HL725)
VOC level	approx. 39 g/l	
CMR substances	not a recipe ingredient	
PBT und vPvB substances	not a recipe ingredient	
endocrine disruptors	not a recipe ingredient	
per-/polyfluoroalkyl substances (PFAS)	not a recipe ingredient	
polymer microparticles	not a recipe ingredient	

Compliances

Decopaint directive (Directive 2004/42/EC)	**fulfills category d type wb** »**Metal paints for building structures**« maximum permissible value: 130 g/l – calculated value: 39 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 80 µm
GISCODE (TRGS 610)	**RE30** epoxy resin products, sensitizing, total solids

This product falls within the scope of the EPD »Water-based two-component coatings for industrial applications« issued by the Association of the German Coatings and Printing Inks Industry (VdL).
Institut Bauen und Umwelt e.V. (IBU), Declaration No. EPD-VDL-20260184-CBP1-EN

Management systems

Dr. Demuth Derisol Lackfarben GmbH & Co. KG is certified in accordance with the following standards:

ISO 9001 DEKRA Certification — **Quality Management**

certification valid until 14 Nov. 2027

ISO 14001 DEKRA Certification — **Environmental Management**

certification valid until 11 Jan. 2029

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Building certification - according to DGNB

Suitability of the product/system for the individual quality levels in according to the criteria matrix of the DGNB criterion **ENV1.2** »**Risks for the local environment**« (version 2023).

Quality Levels	Q1 Bronze	Q2 Silver	Q3 Gold	Q4 Platinum
Line 1 Decorative coatings on non-mineral substrates.	VOC level < 300 g/l	VOC level < 130 g/l	VOC level < 100 g/l	DE-UZ 12a alternatively < 100 g/l (workside)
2K-Hydropox Protec ZP film thickness: 80 µm	39 g/l ✓ **fulfilled**	39 g/l ✓ **fulfilled**	39 g/l ✓ **fulfilled**	39 g/l ⓘ **alternative**
Line 16 Structural metal components with more than 500 m² of coated surface in the building. Corrosion category ≤ C2 high. For interior components.	VOC level < 300 g/l	VOC level < 140 g/l water-dilutable	VOC level < 140 g/l water-dilutable	VOC level < 100 g/l water-dilutable
2K-Hydropox Protec ZP film thickness: 80 µm	39 g/l ✓ **fulfilled**	39 g/l ✓ **fulfilled**	39 g/l ✓ **fulfilled**	39 g/l ✓ **fulfilled**
Line 17 Structural metal components with more than 500 m² of coated surface in the building. Corrosion category ≤ C3 high.	VOC content < 120 g/m²	VOC content < 90 g/m²	VOC content < 60 g/m²	VOC content < 30 g/m²
2K-Hydropox Protec ZP **+ 2K-Derocryl Hydro PD796** film thickness: 80 + 60 µm	6 g/m² ✓ **fulfilled**	6 g/m² ✓ **fulfilled**	6 g/m² ✓ **fulfilled**	6 g/m² ✓ **fulfilled**
Line 18 Structural metal components with more than 500 m² of coated surface in the building. Corrosion category > C3 high.	VOC content < 150 g/m²	VOC content < 120 g/m²	VOC content < 90 g/m²	VOC content < 60 g/m²
2K-Hydropox Protec ZP **+ 2K-Derocryl Hydro PD796** film thickness: 80 + 80 µm	7 g/m² ✓ **fulfilled**	7 g/m² ✓ **fulfilled**	7 g/m² ✓ **fulfilled**	7 g/m² ✓ **fulfilled**
Line 19 Non-structural metal components with more than 10 m² of coated surface in the building.	VOC level < 300 g/l	VOC level < 300 g/l	VOC level < 140 g/l water-dilutable	VOC level < 140 g/l water-dilutable
2K-Hydropox Protec ZP film thickness: 80 µm	39 g/l ✓ **fulfilled**	39 g/l ✓ **fulfilled**	39 g/l ✓ **fulfilled**	39 g/l ✓ **fulfilled**
Alternative for factory pre-coated metal components (workside): Verifiable compliance with the statutory limit values set out in the 31st BImSchV and Directive 2010/75/EU, based on up-to-date monitoring reports accepted by the public authorities.				

product group: EG7006 ***updated: 11 Nov. 2026, version 2.1 EN***

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