

Sustainability data sheet

ARDEX EP 2000 Multifunctional epoxy resin

Solvent-free, low viscous, unfilled two-component epoxy resin.

Emissions

According GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V., Düsseldorf)

EMICODE® EC 1^{PLUS} R,
very low emission



According Emission Classification of Building Materials

M1



solvent-free

EPD (Environmental Product Declaration)

ARDEX EP 2000 corresponds to FEICA EPD:

EPD-FEI-20150298-IBG1-EN

Technical Assessment

According GISBAU (TRGS 610, Technische Regeln für Gefahrstoffe):

GISCODE RE1 – epoxy resin products, solvent-free, sensitizing

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ARDEX EP 2000

Multifunctional epoxy resin

Sustainable Building

Accordinging DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

Version 2018

DGNB criteria ENV 1.2: Local environmental impact

ARDEX EP 2000 can be classified as epoxy surface coating of floor, ceiling and wall – also in system structures.

Notice: For products up to 5 % of BGFa (DIN 277) no documentation is required.

ARDEX EP 2000 fulfills the requirements: Nonylphenol < 0,1 %, Dodecylphenol < 0,1 %, Bisphenol A < 0,1 % and p.-tert. Butylphenol < 0,1 %, has the GISCODE RE1 and is certified by EMICODE® EC 1^{PLUS} R, very low emission, based on GEV.

ARDEX EP 2000 fulfills the requirements for highest Quality Level 4.

Version 2015

DGNB criteria ENV 1.2: Local environmental impact

ARDEX EP 2000 can be classified as epoxy surface coating of floor, ceiling and wall – also in system structures.

Notice: For products up to 5 % of BGFa (DIN 277) no documentation is required.

ARDEX EP 2000 is certified by EMICODE® EC 1^{PLUS} R, very low emission, based on GEV.

ARDEX EP 2000 fulfills the requirements for highest Quality Level 4.

Accordinging LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

ARDEX EP 2000 meets the requirements according EMICODE® EC 1^{PLUS} R, very low emission, based on GEV which are accepted by LEED.

ARDEX EP 2000 meets the requirements and contributes to achieving one LEED point under EQ: Low Emitting Materials.

MR: Building Product Disclosure and Optimization – Environmental Product Declaration

ARDEX EP 2000 corresponds to a model EPD by FEICA, which provides the evidence of a life cycle assessment (LCA) „cradle to gate“.

ARDEX EP 2000 fulfills the requirements and contributes to achieving a LEED point under MR: Building Product Disclosure and Optimization – Environmental Product Declaration.

Version 2009

IEQ Credit 4.1: Low Emitting Materials: Adhesives and Sealants

The permitted limit value in the category ‘Architectural Sealant Primers –nonporous‘ according SCAQMD Rule 1168 is 250 g/L. The VOC value of ARDEX EP 2000 according SCAQMD Rule 1168 is < 250 g/L.

ARDEX EP 2000 meets the requirements and contributes to achieving one LEED point under IEQ: Low Emitting Materials.

MR Credit 5.1 und 5.2: Regional Materials

Production site: 58453

Distance Production site – Project site < 800 km

Products that are used regionally within a 500 mile (800 kilometer) can be contributed to achieving one LEED point.

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According BREEAM-NOR (Building Research Establishment Environmental Assessment Methodology)

Version 2016

BREEAM-NOR criteria Hea 02 Indoor air quality

ARDEX EP 2000 fulfills the required emission limits and is certified by EMICODE® EC 1^{PLUS} R, very low emission, based on GEV and by M1 which is accepted as documentation.

ARDEX EP 2000 meets the requirements according BREEAM-NOR and contributes to achieving one credit under Hea 02 Indoor air quality.

Notice: This data sheet has been compiled based on state-of-the-art technology and our experience. In spite of diligent treatment of all information ARDEX GmbH cannot guarantee the actuality or correctness of the published data. The interpretation of building certification criteria can differ and depend on the project and scope of application. The content of these data sheet does not manifest any legal relationship. Additionally, the current information given in the Technical and the Material Safety Data Sheet have to be considered.

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