

Sustainability data sheet

ARDEX WA Epoxy adhesive

For fixing and laying of ceramic tiles, panels, bricks, split panels and mosaic. For indoors and outdoors, for wall and floor.

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 WA corresponds to FEICA EPD:

EPD-FEI-20150300-IBG1-EN

Technical Assessment

Meets the requirements according to EN 12004:R2T

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

GISCODE RE1 – solvent-free

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Sustainable Building

Accordinging DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

Version 2018

DGNB criteria ENV 1.2: Local environmental impact

Reactive resin adhesives are not directly described by DGNB. If ARDEX WA could be categorized as tile adhesives, ARDEX WA can be classified as primers, primer coatings, putties and adhesives under wall and floor coverings (eg. Tiles, carpets, wooden floors, resilient flooring – except wallpaper).

ARDEX WA has the GISOCDE RE1 and is certified by EMICODE® EC 1^{PLUS} R, very low emission, based on GEV.

ARDEX WA fulfills the requirements for highest Quality Level 4.

Version 2015

DGNB criteria ENV 1.2: Local environmental impact

Reactive resin adhesives are not directly described by DGNB. If ARDEX WA could be categorized as tile adhesives, ARDEX WA can be classified as primers, primer coatings, putties and adhesives under wall and floor coverings (eg. Tiles, carpets, wooden floors, resilient flooring – except wallpaper).

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

ARDEX WA fulfills the requirements for highest Quality Level 4.

Accordinging LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

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

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

ARDEX WA 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 primers, sealings and undercoatings according SCAQMD Rule 1168 is 65 g/L. The VOC value of ARDEX WA according SCAQMD Rule 1168 is < 65 g/L.

ARDEX WA 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.

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

Version 2016

BREEAM-NOR criteria Hea 02 Indoor air quality

ARDEX WA 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 WA 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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