

Product Declaration

ARDEX W 820 Universal Wall Filler

Plastic-modified gypsum filler for machine and manual processing.

Emissions

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

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



According French VOC Classification

A+



solvent-free

EPD (Environmental Product Declaration)

ARDEX W 820 corresponds to FEICA EPD:

EPD-DBC-20220217-IBF1-EN

Technical Assessment

Classification according EN 13501, Part 1

Non-compostable building material class A1

Classification according EN 13963:

Grout filler for grout filling without grout cover strips, type 4B

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

GISCODE CP1 – wall fillers based on calcium sulfate

ARDEX GmbH

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ARDEX W 820

Universal Wall Filler

Sustainable Building

Accordinging DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

Version 2018

DGNB criteria ENV 1.2: Local environmental impact

ARDEX W 820 can be classified as coatings on mainly mineral surfaces in the interior such as trowels (also Dispersion filler) as well as wallpapers, fleeces, Plasterboards etc.

Floor surfaces with special resistance requirements (like OS systems), underground parking and driveways are not considered (incl. Q-trowel).

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

ARDEX W 820 has the GISCODE CP1 and is certified by EMICODE® EC 1^{PLUS}, very low emission, based on GEV.

ARDEX W 820 fulfills the requirements for highest Quality Level 4.

Version 2015

DGNB criteria ENV 1.2: Local environmental impact

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ARDEX W 820 is certified by EMICODE® EC 1^{PLUS}, very low emission, based on GEV.

ARDEX W 820 fulfills the requirements for highest Quality Level 4.

Accordinging LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

ARDEX W 820 meets the requirements according EMICODE® EC 1^{PLUS}, very low emission, based on GEV which are accepted by LEED.

ARDEX W 820 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 W 820 corresponds to a model EPD by FEICA, which provides the evidence of a life cycle assessment (LCA) „cradle to gate“.

ARDEX W 820 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

Wall fillers based on plaster synthetic are not described by LEED.

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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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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Witten, 10/03/2023

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