

Product Declaration

ARDEX W 820 SUPERFINISH HandRollSpray Plaster Compound

Plastic-modified gypsum filler for machine and manual processing.

Emissions

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

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



According to Emission Classification of Building Materials

M1



solvent-free

EPD (Environmental Product Declaration)

ARDEX W 820 SUPERFINISH corresponds to FEICA EPD:

EPD-FEI-20160017-IBG1-EN

According to BASTA

ARDEX W 820 is BASTA registered.

BASTA registration means that we can verify that this product meets agreed properties criteria regarding properties hazardous to the environment and health. See www.bastaonline.se



Technical Assessment

Classification according to EN 13501, Part 1

Non-compostable building material class A1

Classification according to EN 13963:

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

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

GISCODE CP1 – wall fillers based on calcium sulfate

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ARDEX W 820 SUPERFINISH

HandRollSpray Plaster Compound

Sustainable Building

According DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

Version 2018

DGNB criteria ENV 1.2: Local environmental impact

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

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

Version 2015

DGNB criteria ENV 1.2: Local environmental impact

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

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

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

According LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

ARDEX W 820 SUPERFINISH meets the requirements according EMICODE® EC 1^{PLUS}, very low emission, based on GEV and M1 which are accepted by LEED.

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

ARDEX W 820 SUPERFINISH 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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Sustainable Building

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

Version 2016

BREEAM-NOR criteria Hea 02 Indoor air quality

ARDEX W 820 SUPERFINISH fulfills the required emission limits and is certified by EMICODE® EC 1^{PLUS}, very low emission, based on GEV and by M1 which is accepted as documentation.

ARDEX W 820 SUPERFINISH 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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