

Product Declaration

ARDEX G7N FLEX 2-15

Grout 2-15 mm

Particularly suitable for large grouting areas. For joint widths from 2-15 mm, good adhesion to tiled edges, water-resistant, high strength.

Emissions

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

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



According Emission Classification of Building Materials

M1



solvent-free

EPD (Environmental Product Declaration)

ARDEX G7N FLEX 2-15 corresponds to FEICA EPD:

EPD-DBC-20220217-IBF1-EN

According BASTA

ARDEX G7N FLEX 2-15 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

Meets the requirements according to EN 13888

CG 2 WA, Improved cement-based grout mortar with high abrasion resistance and with reduced water absorption

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

GISCODE ZP1 - cementitious product, low-chromate

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Sustainable Building

Accordinging DGNB (German Sustainable Building Council)

Version 2023

DGNB criteria ENV 1.2: Local environmental impact

Cement-based loud grouts are not directly described by DGNB. ARDEX G7N FLEX 2-15 could be categorized as Primers, undercoats, fillers and adhesives under wall and floor coverings (e.g. tiles, carpets, parquet, elastic flooring – except for wallpaper). ARDEX G7N FLEX 2-15 has the GISOCDE ZP1 and is certified by EMICODE® EC 1^{PLUS}, very low emission, based on GEV.

ARDEX G7N 2-15 FLEX fulfils the requirements for highest Quality Level 4.

Accordinging LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

ARDEX G7N FLEX 2-15 meets the requirements according EMICODE® EC 1^{PLUS}, very low emission, based on GEV which are accepted by LEED.

ARDEX G7N FLEX 2-15 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 G7N FLEX 2-15 corresponds to a model EPD by FEICA, which provides the evidence of a life cycle assessment (LCA) „cradle to gate“.

ARDEX G7N FLEX 2-15 fulfils 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 G7N FLEX 2-15 according SCAQMD Rule 1168 is < 65 g/L.

ARDEX G7N FLEX 2-15 meets the requirements and contributes to achiving 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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Accordinging BREEAM-NOR (Building Research Establishment Environmental Assessment Methodology)

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Version 2016

BREEAM-NOR criteria Hea 02 Indoor air quality

ARDEX G7N FLEX 2-15 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 G7N FLEX 2-15 meets the requirements according BREEAM-NOR and contributes to achieving one credit under Hea 02 Indoor air quality.

According Nordic Swan Ecolabelling

ARDEX G7N FLEX 2-15 is listed in the database for building products that can be used in Nordic Swan Eco labelled buildings.

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, 08/07/2024

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