

Sustainability data sheet

ARDEX GK

Loud grout

For grouting of tiles based offine stone ware, stone ware, moisture-resistant nature- and artificialstone panels, split and brick tiles. Particularly for areas with high mechanical and chemical strain. For grout widths as of 4 mm.

Emissions

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

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



According French VOC Classification

A+



solvent-free

EPD (Environmental Product Declaration)

ARDEX GK corresponds to FEICA EPD:

EPD-FEI-20160017-IBG1-EN

According BASTA

ARDEX GK 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 A, Improved cement-based grout mortar with high abrasion resistance

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

GISCODE ZP1 - cementitious product, low-chromate

ARDEX GmbH

Friedrich-Ebert-Straße 45

58453 Witten

www.ardex.de

Tel.: +49 2302 664-511

Fax: +49 2302 664-298

kundendienst@ardex.de

www.ardex.de



Sustainable Building

Accordinging DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

Version 2018

DGNB criteria ENV 1.2: Local environmental impact

Cement-based loud grouts are not directly described by DGNB. If ARDEX GK could be categorized as tile adhesives, ARDEX GK 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 GK has the GISOCDE ZP1 and is certified by EMICODE® EC 1^{PLUS} R, very low emission, based on GEV.

ARDEX GK fulfills the requirements for highest Quality Level 4.

Version 2015

DGNB criteria ENV 1.2: Local environmental impact

Cement-based loud grouts are not directly described by DGNB. If ARDEX GK could be categorized as tile adhesives, ARDEX GK 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 GK is certified by EMICODE® EC 1^{PLUS} R, very low emission, based on GEV.

ARDEX GK fulfills the requirements for highest Quality Level 4.

Accordinging LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

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

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

ARDEX GK 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 GK according SCAQMD Rule 1168 is < 65 g/L.

ARDEX GK 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.

ARDEX GmbH
Friedrich-Ebert-Straße 45
58453 Witten
www.ardex.de

Tel.: +49 2302 664-511
Fax: +49 2302 664-298
kundendienst@ardex.de
www.ardex.de



Sustainable Building

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

Version 2016

BREEAM-NOR criteria Hea 02 Indoor air quality

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

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

According Nordic Swan Ecolabelling

ARDEX GK is listed in the database for building products that can be used in Nordic Swan Ecolabelled 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.

ARDEX GmbH
Witten, 11/01/2019

ARDEX GmbH
Friedrich-Ebert-Straße 45
58453 Witten
www.ardex.de

Tel.: +49 2302 664-511
Fax: +49 2302 664-298
kundendienst@ardex.de
www.ardex.de

