

# Sustainability data sheet

## ARDEX-FLEX FL Flexible Rapid Set Tile Grout for Wide Joints

ARDEX-FLEX FL is a rapid setting flexible tile grout that allows tiles to be trafficked after just 90 minutes. It's formulated to blend to a uniform colour, ensuring a consistent, streak-free finish, and is suitable for commercial and domestic locations including swimming pools, showers and kitchens.

### Emissions

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

**EMICODE® EC 1<sup>PLUS</sup>**,  
very low emission



solvent-free

### EPD (Environmental Product Declaration)

ARDEX-FLEX FL corresponds to FEICA EPD:

**EPD-DBC-20220218-IBF1-EN**

### Technical Assessment

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

**GISCODE ZP1** - cementitious product, low-chromate

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Sustainable Building

# ARDEX-FLEX FL

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## Accordinging DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

### Version 2018

#### DGNB criteria ENV 1.2: Local environmental impact

ARDEX-FLEX FL is not relevant to the evaluation according DGNB.

ARDEX-FLEX FL has the GISOCDE ZP1 and is certified by EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV.

**ARDEX-FLEX FL fulfills the requirements for highest Quality Level 4.**

### Version 2015

#### DGNB criteria ENV 1.2: Local environmental impact

ARDEX-FLEX FL 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-FLEX FL is certified by EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV.

**ARDEX-FLEX FL fulfills the requirements for highest Quality Level 4.**

## Accordinging LEED (Leadership in Energy and Environmental Design)

### Version 4 (2014)

#### EQ: Low Emitting Materials

ARDEX-FLEX FL meets the requirements according EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV which are accepted by LEED.

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

**ARDEX-FLEX FL 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-FLEX FL according SCAQMD Rule 1168 is < 65 g/L.

**ARDEX-FLEX FL 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.

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According BREEAM (Building Research Establishment Environmental Assessment Methodology)

### Version 2016

#### BREEAM criteria Hea 02 Indoor air quality

ARDEX-FLEX FL can be classified as Flooring materials (including floor levelling compounds and resin flooring). ARDEX-FLEX FL meets the requirements according Table 17: Emission criteria by product type and Table 18: Exemplary level emission criteria by product type.

ARDEX-FLEX FL is certified by EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV.

**ARDEX-FLEX FL meets the requirements according BREEAM 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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