

# Sustainability data sheet

## ARDEX FB

### Epoxy casting resin

For load-carrying connection of screed cracks and grouts and other undergrounds.

#### Emissions

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

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



According French VOC Classification

**A+**



solvent-free

#### EPD (Environmental Product Declaration)

ARDEX FB (primer) corresponds to FEICA EPD: **EPD-FEI-20150302-IBG1-EN**

#### Technical Assessment

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

**GISCODE RE30** – epoxy resin products, sensitizing, total solid

#### Sustainable Building

##### According DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

###### Version 2018

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

ARDEX FB can be classified as epoxy surface coating of floor, ceiling and wall – also in system structures.

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

ARDEX FB fulfills the requirements: Nonylphenol < 0,1 %, Dodecylphenol < 0,1 %, Bisphenol A < 0,1 % and p.-tert. Butylphenol < 0,1 %, has the GISCODE RE30 and is certified by EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV.

**ARDEX FB fulfills the requirements for highest Quality Level 4.**

###### Version 2015

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

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**ARDEX FB fulfills the requirements for highest Quality Level 4.**

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Epoxy casting resin

## Sustainable Building

According LEED (Leadership in Energy and Environmental Design)

### Version 4 (2014)

#### EQ: Low Emitting Materials

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

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

**ARDEX FB 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 'Architectural Sealant Primers –nonporous' according SCAQMD Rule 1168 is 250 g/L. The VOC value of ARDEX FB according SCAQMD Rule 1168 is < 250 g/L.

**ARDEX FB 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.

**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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