

# Sustainability data sheet

## ARDEX WA

### Epoxy adhesive

For grouting of ceramic tiles, panels, bricks, split panels and mosaic and for bonding of glass and porcelain based mosaic on wall- and floor areas.

#### Emissions

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

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



According Emission Classification of Building Materials

**M1**



solvent-free

#### EPD (Environmental Product Declaration)

ARDEX WA corresponds to FEICA EPD:

**EPD-FEI-20150300-IBG1-EN**

#### According BASTA

ARDEX WA 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](http://www.bastaonline.se)



#### Technical Assessment

**Meets the requirements according to EN 13888**

RG, reactive resin-grout mortar

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

**GISCODE RE1** – solvent-free

ARDEX GmbH

Friedrich-Ebert-Straße 45

58453 Witten

[www.ardex.de](http://www.ardex.de)

Tel.: +49 2302 664-511

Fax: +49 2302 664-298

[kundendienst@ardex.de](mailto:kundendienst@ardex.de)

[www.ardex.de](http://www.ardex.de)



## Sustainable Building

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

#### Version 2018

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

Reactive resin grouts are not directly described by DGNB. If ARDEX WA could be categorized as tile adhesives, ARDEX WA 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 WA has the GISOCDE RE1 and is certified by EMICODE® EC 1<sup>PLUS</sup> R, very low emission, based on GEV.

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

#### Version 2015

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

Reactive resin grouts are not directly described by DGNB. If ARDEX WA could be categorized as tile adhesives, ARDEX WA 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 WA is certified by EMICODE® EC 1<sup>PLUS</sup> R, very low emission, based on GEV.

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

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

#### Version 4 (2014)

##### **EQ: Low Emitting Materials**

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

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

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

**ARDEX WA 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 WA fulfills the required emission limits and is certified by EMICODE® EC 1<sup>PLUS</sup> R, very low emission, based on GEV and by M1 which is accepted as documentation.

**ARDEX WA 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.

ARDEX GmbH  
Witten, 14/02/2018

ARDEX GmbH  
Friedrich-Ebert-Straße 45  
58453 Witten  
[www.ardex.de](http://www.ardex.de)

Tel.: +49 2302 664-511  
Fax: +49 2302 664-298  
[kundendienst@ardex.de](mailto:kundendienst@ardex.de)  
[www.ardex.de](http://www.ardex.de)

