

# Sustainability data sheet

## ARDEX A 828

### Filling compound and Smoothing Plaster

Ideal for smoothing and plastering a variety of surfaces, such as - render, concrete, aerated concrete, plasterboard, construction boards. Can be used as a deep wall filler with all the advantages of a fast setting plaster. Can fill large surface depressions in walls and ceilings.

#### Emissions

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

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



According Emission Classification of Building Materials

**M1**



#### EPD (Environmental Product Declaration)

ARDEX A 828 corresponds to FEICA EPD:

**EPD-FEI-20160017-IBG1-EN**

#### According BASTA

ARDEX A 828 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

##### Classification according EN 13501, Part 1

Non-compostable building material class A1

##### Classification according EN 13963:

Grout filler for grout filling without grout cover strips, type 4B

##### According TRGS 900 (Technische Regeln für Gefahrstoffe-Arbeitsplatzgrenzwerte)

Dust controlled adjusted: falls below the dust limit value of TRGS 900

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## Sustainable Building

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

#### Version 2018

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

ARDEX A 828 can be classified as coatings on mainly mineral surfaces in the interior such as trowels (also Dispersion filler) as well as wallpapers, fleeces, Plasterboards etc.

Floor surfaces with special resistance requirements (like OS systems), underground parking and driveways are not considered (incl. Q-trowel).

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

ARDEX A 828 is certified by EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV.

**ARDEX A 828 fulfills the requirements for highest Quality Level 4.**

#### Version 2015

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

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

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**ARDEX A 828 fulfills the requirements for highest Quality Level 4.**

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

#### Version 4 (2014)

##### EQ: Low Emitting Materials

ARDEX A 828 meets the requirements according EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV which are accepted by LEED.

**ARDEX A 828 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 A 828 corresponds to a model EPD by FEICA, which provides the evidence of a life cycle assessment (LCA) „cradle to gate“.

**ARDEX A 828 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

Wall fillers based on plaster synthetic are not described by LEED.

##### 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-NOR (Building Research Establishment Environmental Assessment Methodology)

### Version 2016

#### BREEAM-NOR criteria Hea 02 Indoor air quality

ARDEX A 828 fulfills the required emission limits and is certified by EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV and by M1 which is accepted as documentation.

**ARDEX A 828 meets the requirements according BREEAM-NOR and contributes to achieving one credit under Hea 02 Indoor air quality.**

According Nordic Swan Ecolabelling

**ARDEX A 828 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.

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Witten, 10/01/2019

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