

# Sustainability data sheet

## ARDEX X 32

### Flexible Installation Mortar

Minimises the risk of water staining, curling and warping in moisture-sensitive natural stone.

Up to 30mm bed thicknesses is ideal for fixing uncalibrated stone.

Tiles can be trafficked and grouted 3 hours after fixing, regardless of bed thickness

For internal and external use.

#### Emissions

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

-

According French VOC Classification

C



solvent-free

#### EPD (Environmental Product Declaration)

ARDEX X 32 corresponds to FEICA EPD:

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

#### Technical Assessment

##### Meets the C2 requirements according to EN 12004

C2 FTE, Cement mortar for increased requirements with additional characteristic values early adhesive strengths (F), extended open time (E) and reduced slipping (T).



##### Meets the S1 requirements according to EN 12002

S1 deformability > 2,5 mm

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

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

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## Sustainable Building

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

#### Version 2018

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

ARDEX X 32 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 X 32 has the GISCODE ZP1. This GISCODE is no evaluation-relevant factor according DGNB.

**ARDEX X 32 fulfills the requirements for highest Quality Level 4.**

#### Version 2015

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

ARDEX X 32 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 X 32 has the GISCODE ZP1.

**ARDEX X 32 fulfills the requirements for highest Quality Level 4.**

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

#### Version 4 (2014)

##### EQ: Low Emitting Materials

ARDEX X 32 does not meet the requirements according EMICODE® based on GEV which are accepted by LEED.

**ARDEX X 32 does not meet the requirements.**

##### MR: Building Product Disclosure and Optimization – Environmental Product Declaration

ARDEX X 32 corresponds to a model EPD by FEICA, which provides the evidence of a life cycle assessment (LCA) „cradle to gate“.

**ARDEX X 32 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 X 32 according SCAQMD Rule 1168 is < 65 g/L.

**ARDEX X 32 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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**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, 10/03/2023

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