

ARDEX X 32

Flexible Installation Mortar

Declaration of conformity for products with Model EPDs

FEICA (Association of European Adhesive & Sealant Industry) has developed so-called Model Environmental Product Declarations (Model EPDs) and had them independently verified by the Institute Construction and Environment (IBU). These IBU verified Model EPDs have been made publicly available by FEICA and IBU. The Model EPDs represent the current production technology in Europe. ARDEX GmbH as a member of Deutsche Bauchemie e.V., which is a national association member of FEICA, has the right to declare that a specific FEICA Model EPD applies to the named product listed below. The compliance of our products to the Model EPDs is checked on the base of our formulations, by using an IBU-approved guideline procedure. We hereby declare that the product

ARDEX X 32, Flexible Installation Mortar

meets the criteria of the attached Model EPD

EPD-FEI-20160042-IBG1-EN for “Modified mineral mortars, group 2”

This means that the life cycle assessment data and other content of the Model EPD apply to these named products and may be used for sustainability assessment of the construction products and construction projects, in which they are used.

ARDEX GmbH



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Appendix:

EPD with declaration number: **EPD-FEI-20160042-IBG1-EN**

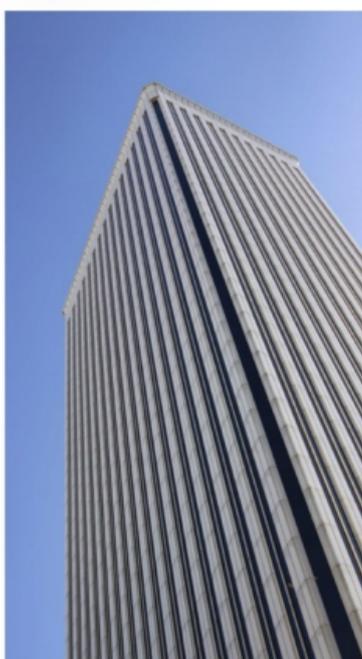
ENVIRONMENTAL PRODUCT DECLARATION

as per ISO 14025 and EN 15804

Owner of the Declaration	FEICA - Association of the European Adhesive and Sealant Industry
Programme holder	Institut Bauen und Umwelt e.V. (IBU)
Publisher	Institut Bauen und Umwelt e.V. (IBU)
Declaration number	EPD-FEI-20160042-IBG1-EN
ECO EPD Ref. No.	ECO-00000373
Issue date	23.05.2016
Valid to	22.05.2022

Modified mineral mortars, group 2 FEICA - Association of the European Adhesive and Sealant Industry

www.bau-umwelt.com / <https://epd-online.com>



1. General Information

FEICA - Association of the European Adhesive and Sealant Industry

Programme holder

IBU - Institut Bauen und Umwelt e.V.
Panoramastr. 1
10178 Berlin
Germany

Declaration number

EPD-FEI-20160042-IBG1-EN

This Declaration is based on the Product

Category Rules:

Mineral factory-made mortar, 07.2014
(PCR tested and approved by the SVR)

Issue date

23.05.2016

Valid to

22.05.2022



Prof. Dr.-Ing. Horst J. Bossenmayer
(President of Institut Bauen und Umwelt e.V.)



Dr. Burkhardt Lehmann
(Managing Director IBU)

Modified mineral mortars, group 2

Owner of the Declaration

FEICA - Association of the European Adhesive and Sealant Industry
Avenue E. van Nieuwenhuysse 4
1160 Brussels
Belgium

Declared product / Declared unit

1 kg of modified mineral mortar with a density 800 - 1,700 kg/m³

Scope:

This validated Declaration entitles the holder to bear the symbol of the *Institut Bauen und Umwelt e.V.* It exclusively applies for products produced in Europe and for a period of five years from the date of issue. This EPD may be used by FEICA members and their members provided it has been proven that the respective product can be represented by this EPD. For this purpose a guideline is available at the FEICA secretariat. The members of FEICA are listed on its website. The owner of the declaration shall be liable for the underlying information and evidence; the IBU shall not be liable with respect to manufacturer information, life cycle assessment data and evidences.

Verification

The CEN Norm /EN 15804/ serves as the core PCR

Independent verification of the declaration according to /ISO 14025/

internally externally



Mr Olivier Muller
(Independent verifier appointed by SVR)

2. Product

2.1 Product description

Modified mineral mortars are combinations of one or more inorganic binder, aggregates, water and if necessary additives. They comply with manifold, often specific, tasks in the construction, furnishing and refurbishment of buildings.

The product displaying the highest environmental impacts was used as a representative product for calculating the Life Cycle Assessment results (worst case-approach).

2.2 Application

Modified mineral mortars are used for the following applications:

Module 1: Modified mineral mortars as repair mortar for the protection and repair of concrete structures

1.1 Products for structural and non-structural repair which are used to restore the original condition of concrete structures and/or to replace defective concrete

1.2 Products for reinforcement corrosion protection

Module 2: Adhesives based on modified mineral mortars

2.1 Products for bonding ceramic tiles as well as natural stone for internal and external installations on walls, floors and ceilings

2.2 Products for bonding thermal insulation composite panels

Module 3: Modified mineral mortars as joint fillers

Products for joint filling of wall and floor coverings made of ceramic tiles as well as natural stone for indoor and outdoor applications

Module 4: Modified mineral mortars as cementitious screed, floor levelling compounds, filler, flowing screed

Products for manufacturing bonded screed, screeds on separating or insulating layers, for levelling and repairing usual building substrates such as rough, uneven concrete floors, cement, anhydrite and mastic asphalt screed, heated screed and ceramic coverings for indoor and outdoor applications

Module 5: Modified mineral mortars as levelling compounds for walls and ceilings

Products for levelling and repairing rough, uneven walls, for repairing grit spots, closing blowholes and modelling broken corners and edges

Module 6: Modified mineral mortar as grouts

