

Sustainability data sheet

ARDEX 828 LEMON Wall Filler with citrus aroma

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. With citrus aroma.

Emissions

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

According Emission Classification of Building Materials -

solvent-free

EPD (Environmental Product Declaration)

ARDEX 828 LEMON corresponds to FEICA EPD: **EPD-FEI-20160017-IBG1-EN**

According BASTA

ARDEX 828 LEMON 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



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

ARDEX GmbH

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According DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

Version 2018

DGNB criteria ENV 1.2: Local environmental impact

ARDEX 828 LEMON 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 828 LEMON is solvent-free and plasticizer-free according VdL-RL01.

ARDEX 828 LEMON fulfills the requirements for highest Quality Level 4.

Version 2015

DGNB criteria ENV 1.2: Local environmental impact

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ARDEX 828 LEMON fulfills the requirements for highest Quality Level 4.

According LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

ARDEX 828 LEMON does not meet the requirements according EMICODE® based on GEV which are accepted by LEED.

ARDEX 828 LEMON does not meet the requirements.

MR: Building Product Disclosure and Optimization – Environmental Product Declaration

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

ARDEX 828 LEMON 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 LEMON does not fulfill the required emission limits.

ARDEX A 828 LEMON does not meet the requirements according BREEAM-NOR.

According Nordic Swan Ecolabelling

ARDEX A 828 LEMON 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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