

Sustainability data sheet

ARDEX P 40 MS

silane primer

Priming of absorbent and non-absorbent substrates. Shut-off of residual building moisture up to 95% RH without underfloor heating. Shut-off of residual building moisture up to 85% RH with underfloor heating. Reinforcement of slightly porous surfaces.

Emissions

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

EMICODE® EC 1,
very low emission



According French VOC Classification

A+



solvent-free

EPD (Environmental Product Declaration)

ARDEX P 40 MS corresponds to FEICA EPD:

EPD-FEI-20180091-IBG1-EN

Technical Assessment

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

GISCODE RU1 - Solvent-free polyurethane laying materials

Sustainable Building

According DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

Version 2018

DGNB criteria ENV 1.2: Local environmental impact

ARDEX P 40 MS can be classified as barrier coatings, floor resins, sealings under tiles. ARDEX P 40 MS has the GISCODE RU1 and is certified by EMICODE® EC 1, very low emission, based on GEV.

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

ARDEX P 40 MS 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.

ARDEX 40 MS fulfills the requirements for highest Quality Level 4.

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



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Sustainable Building

According LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

ARDEX P 40 MS meets the requirements according EMICODE® EC 1, very low emission, based on GEV which are accepted by LEED.

ARDEX P 40 MS 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 P 40 MS does not correspond to a model EPD by FEICA, which provides the evidence of a life cycle assessment (LCA) „cradle to gate“.

ARDEX P 40 MS does not fulfill the requirements and does not contribute 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 P 40 MS according SCAQMD Rule 1168 is < 65 g/L.

ARDEX P 40 MS 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.

According BREEAM-NOR (Building Research Establishment Environmental Assessment Methodology)

Version 2016

BREEAM-NOR criteria Hea 02 Indoor air quality

ARDEX P 40 MS fulfills the required emission limits and is certified by EMICODE® EC 1, very low emission, based on GEV which is accepted as documentation.

ARDEX P 40 MS meets the requirements according BREEAM 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, 19/11/20120

ARDEX GmbH
Friedrich-Ebert-Straße 45
58453 Witten
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