

Sustainability data sheet

ARDEX SN Neutral Silicone

Silicone sealant with fungicidal effect (neutral cross-linked). Flexible closing of movement joints, corner- and connection joints in- and outdoors. Sealing of grouts between brickwork, concrete, metal, glass and more.

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 SN corresponds to FEICA EPD: **EPD-FEI-20150323-IBG1-EN**

According BASTA

ARDEX SN 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

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

GISCODE RS10 – construction materials, methoxy silane based

ARDEX SN meets the requirements according EN 15651-1,3,4.

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Sustainable Building

Accordinging DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

Version 2018

DGNB criteria ENV 1.2: Local environmental impact

ARDEX SN can be classified as small bonding mechanically resilient grouts; the field glass construction, facades and fire safety will not be considered.

ARDEX SN has a chlorinated paraffins content < 0,1 %.

ARDEX SN fulfills the requirements for Quality Level 3.

Version 2015

DGNB criteria ENV 1.2: Local environmental impact

ARDEX SN can be classified as small bonding mechanically resilient grouts; the field glass construction, facades and fire safety will not be considered.

ARDEX SN has a chlorinated paraffins content < 0,1 %.

ARDEX SN fulfills the requirements for Quality Level 3.

Accordinging LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

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

ARDEX SN does not meet the requirements.

MR: Building Product Disclosure and Optimization – Environmental Product Declaration

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

ARDEX SN 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 'Architectural Sealant' according SCAQMD Rule 1168 is 250 g/L. The VOC value of ARDEX SN according SCAQMD Rule 1168 is < 250 g/L.

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

Version 2016

BREEAM-NOR criteria Hea 02 Indoor air quality

ARDEX SN does not fulfill the required emission limits.

ARDEX SN does not meet the requirements according BREEAM-NOR.

According Nordic Swan Ecolabelling

ARDEX SN 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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