

Sustainability data sheet

ARDEX ST

Neutral Cure Elastic Silicone Sealant

ARDEX ST elastic silicone sealant is ideal for movement joints, corner and connecting joints in bathrooms, showers and living areas, and doors and windows abutting tiles. Excellent resistance to weather, UV-radiation and commonly used cleaning chemicals and disinfectants. Contains fungicide to prevent the growth of fungi and moulds. Neutral cure and low odour.

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 ST corresponds to FEICA EPD:

EPD-FEI-20150323-IBG1-EN

According BASTA

ARDEX ST 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 -

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

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

ARDEX ST fulfills the requirements for Quality Level 3.

Version 2015

DGNB criteria ENV 1.2: Local environmental impact

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

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

ARDEX ST fulfills the requirements for Quality Level 3.

Accordinging LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

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

ARDEX ST does not meet the requirements.

MR: Building Product Disclosure and Optimization – Environmental Product Declaration

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

ARDEX ST 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 ST according SCAQMD Rule 1168 is < 250 g/L.

ARDEX ST 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 ST does not fulfill the required emission limits.

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

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, 22/01/2018

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