

Sustainability data sheet

ARDEX RF Cartridge Patch

One component, ready to use cartridge patch based of acrylic-dispersion. For filling scratches and holes on concrete, plaster and lightweight construction walls.

Emissions

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

EMICODE® EC 1^{PLUS},
very low emission



According French VOC Classification

A+



solvent-free

EPD (Environmental Product Declaration)

ARDEX RF corresponds to FEICA EPD: -

Technical Assessment

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

Sustainable Building

According DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

Version 2018

DGNB criteria ENV 1.2: Local environmental impact

ARDEX RF 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 RF is solvent-free, has a VOC value of < 30 g/L is certified by EMICODE® EC 1PLUS, very low emission, based on GEV.

ARDEX RF fulfills the requirements for Quality Level 2.

Version 2015

DGNB criteria ENV 1.2: Local environmental impact

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

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

ARDEX RF fulfills the requirements for Quality Level 3.

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According LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

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

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

ARDEX RF does not fulfill the requirements.

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 RF according SCAQMD Rule 1168 is < 250 g/L.

ARDEX RF 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.

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.

