

Sustainability data sheet

PANDOMO® EP

Epoxy resin primer

For indoors. Primer and bonding bridge for substrate preparation based on concrete, cement based and calciumsulfate based screeds.

Emissions

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

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



According French VOC Classification

A+



solvent-free

EPD (Environmental Product Declaration)

PANDOMO® EP corresponds to FEICA EPD: -

Technical Assessment

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

GISCODE RE1 – epoxy resin products, solvent-free, sensitizing

Sustainable Building

According DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

Version 2018

DGNB criteria ENV 1.2: Local environmental impact

PANDOMO® EP can be classified as epoxy surface coating of floor, ceiling and wall – also in system structures.

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

PANDOMO® EP fulfills the requirements: Nonylphenol < 0,1 %, Dodecylphenol < 0,1 %, Bisphenol A < 0,1 % and p.-tert. Butylphenol < 0,1 %, has the GISCODE RE1 and is certified by EMICODE® EC 1^{PLUS} R, very low emission, based on GEV.

PANDOMO® EP fulfills the requirements for highest Quality Level 4.

Version 2015

DGNB criteria ENV 1.2: Local environmental impact

PANDOMO® EP can be classified as epoxy surface coating of floor, ceiling and wall – also in system structures.

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

PANDOMO® EP is certified by EMICODE® EC 1^{PLUS} R, very low emission, based on GEV.

PANDOMO® EP 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



PANDOMO® EP

Epoxy resin primer

Sustainable Building

According LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)

EQ: Low Emitting Materials

PANDOMO® EP meets the requirements according EMICODE® EC 1^{PLUS} R, very low emission, based on GEV which are accepted by LEED.

PANDOMO® EP meets the requirements and contributes to achieving one LEED point under EQ: Low Emitting Materials.

MR: Building Product Disclosure and Optimization – Environmental Product Declaration

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

PANDOMO® EP 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 Primers –nonporous‘ according SCAQMD Rule 1168 is 250 g/L. The VOC value of PANDOMO® EP according SCAQMD Rule 1168 is < 250 g/L.

PANDOMO® EP 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.

ARDEX GmbH
Witten, 22/01/2018

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

