Sustainability data sheet

ARDEX G10
PREMIUM Flex-grout

For grouting of all ceramic panels and tiles. Increased color stability. For grout widths of 1 – 10 mm. Easy Insertion with long washing time. High resistance and adhesion.

Emissions		
According GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V., Düsseldorf)	EMICODE® EC 1PLUS, very low emission	
According French VOC Classification	A+	
solvent-free		

EPD (Environmental Product Declaration)	
ARDEX G10 corresponds to FEICA EPD:	EPD-DBC-20220217-IBF1-EN

Technical Assessment

Meets the requirements according to EN 13888
CG 2 WA, Improved cement-based grout mortar with high abrasion resistance and reduced water absorption.

According GISBAU (**TRGS 610,** Technische Regeln für Gefahrstoffe):
GISCODE ZP1 - cementitious product, low-chromate

ARDEX G10
PREMIUM Flex-grout

Sustainable Building

According DGNB (German Sustainable Building Council)

Version 2023
DGNB criteria ENV 1.2: Local environmental impact
Cement-based loud grouts are not directly described by DGNB. ARDEX G10 could be categorized as Primers, undercoats, fillers and adhesives under wall and floor coverings (e.g. tiles, carpets, parquet, elastic flooring – except for wallpaper). ARDEX G10 has the GISOCDE ZP1 and is certified by EMICODE® EC 1^{PLUS}, very low emission, based on GEV.

ARDEX G10 fulfils the requirements for highest Quality Level 4.

According LEED (Leadership in Energy and Environmental Design)

Version 4 (2014)
EQ: Low Emitting Materials
ARDEX G10 meets the requirements according EMICODE® EC 1^{PLUS}, very low emission, based on GEV which are accepted by LEED.

ARDEX G10 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 G10 corresponds to a model EPD by FEICA, which provides the evidence of a life cycle assessment (LCA) „cradle to gate".

ARDEX G10 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 primers, sealings and undercoatings according SCAQMD Rule 1168 is 65 g/L. The VOC value of ARDEX G10 according SCAQMD Rule 1168 is < 65 g/L.

ARDEX G10 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.

ARDEX G10
PREMIUM Flex-grout

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, 08/07/2024