

# Sustainability data sheet

## ARDEX AF 145

### Pressure Sensitive Vinyl Adhesive

Receives floorcoverings in as little as 20 minutes

Can receive vinyl sheet up to 80 minutes after airing

Can be used as a pressure sensitive adhesive or wet set adhesive

#### Emissions

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

**EMICODE® EC 1<sup>PLUS</sup>,**  
very low emission



solvent-free

#### EPD (Environmental Product Declaration)

ARDEX AF 145 corresponds to FEICA EPD:

**EPD-DBC-20220146-IBF1-EN**

#### Technical Assessment

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

**GISCODE D1** – solvent-free

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# ARDEX AF 145

Pressure Sensitive Vinyl Adhesive

## Sustainable Building

### Accordinging DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen)

#### Version 2018

##### DGNB criteria ENV 1.2: Local environmental impact

ARDEX AF 145 can be classified as primers, primer coatings, putties and adhesives under wall and floor coverings (eg. Tiles, carpets, wooden floors, resilient flooring – except wallpaper).

ARDEX AF 145 has the GISCODE D1 and is certified by EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV.

**ARDEX AF 145 fulfills the requirements for highest Quality Level 4.**

#### Version 2015

##### DGNB criteria ENV 1.2: Local environmental impact

ARDEX AF 145 can be classified as primers, primer coatings, putties and adhesives under wall and floor coverings (eg. Tiles, carpets, wooden floors, resilient flooring – except wallpaper).

ARDEX AF 145 is certified by EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV.

**ARDEX AF 145 fulfills the requirements for highest Quality Level 4.**

### Accordinging LEED (Leadership in Energy and Environmental Design)

#### Version 4 (2014)

##### EQ: Low Emitting Materials

ARDEX AF 145 meets the requirements according EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV which are accepted by LEED.

**ARDEX AF 145 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 AF 145 corresponds to a model EPD by FEICA, which provides the evidence of a life cycle assessment (LCA) „cradle to gate“.

**ARDEX AF 145 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 adhesives and sealants according SCAQMD Rule 1168 is 65 g/L. The VOC value of ARDEX AF 145 according SCAQMD Rule 1168 is < 65 g/L.

**ARDEX AF 145 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 (Building Research Establishment Environmental Assessment Methodology)

### Version 2016

#### BREEAM criteria Hea 02 Indoor air quality

ARDEX AF 145 can be classified as Interior adhesives and sealants (including flooring adhesives). ARDEX AF 145 meets the requirements according Table 17: Emission criteria by product type and Table 18: Exemplary level emission criteria by product type. ARDEX AF 145 is certified by EMICODE® EC 1<sup>PLUS</sup>, very low emission, based on GEV.

**ARDEX AF 145 meets the requirements according BREEAM and contributes to achieving one credit under Hea 02 Indoor air quality.**

**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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