

ECOCARD

CE 43

Flexible, mechanical and water resistant grout mortar for joints of 1 to 20 mm width

PROPERTIES:

- Resistant to elevated chemical and mechanical loads
- For balconies, terraces, traffic areas, corridors, staircases, swimming pools
- Recommended for residential and industrial construction applications
- Resistant to dirt, fungi and moulds
- Resistant to water penetration
- Extremely fast colour
- Fibre-reinforced



SUSTAINABLE BUILDING

LEED DATA SHEET

LEED v4 certification - verification of product requirements

Category:	Credit:	Impact:
Integrative process		Not applicable to this product
Location and Transportation		Not applicable to this product
Sustainable Sites		Not applicable to this product
Water efficiency		Not applicable to this product
Energy and Atmosphere		Not applicable to this product
Materials and Resources		
	MR Credit Building Product Disclosure and Optimization-Environmental Product Declarations	EPD declaration – ask producer
	MR Credit Building Product Disclosure and Optimization—Sourcing of Raw Materials	Positive conditionally - see the location and place where raw materials are obtained.
Indoor Environmental Quality		
	EQ Credit Low-Emitting Materials	Positive – EC 1PLUS
Installation		Not applicable to this product
Regional Priority		Not applicable to this product

BREEAM DATA SHEET

BREEAM International New Construction 2016 certification - verification of product requirements		
Category:	Credit:	Impact:
Management		Not applicable to this product
Health and wellbeing		Not applicable to this product
	Hea 02 Indoor air quality	Positive – EC 1PLUS
Energy		Not applicable to this product
Transport		Not applicable to this product
Water		Not applicable to this product
Materials		
	Mat 01 Life cycle impacts	EPD declaration - ask producer
	Mat 03 Responsible sourcing of construction products	Positive – ISO14001 and the supply chain (conditionally)
Waste		Not applicable to this product
Land use and ecology		Not applicable to this product
Pollution		Not applicable to this product
Innovation		Positive

LEED (Leadership in Energy and Environmental Design) is the most widely used green building rating system in the world established by U.S. GreenBuilding Council in 1998. Certification is carried out in 120 countries and covers all types of buildings - from commercial to residential. LEED certification is a globally recognized symbol of sustainability achievement and leadership.

The categories assessed during the certification of the building with the LEED multi-criteria assessment system are:

- Location and transport (LT)
- Sustainable sites (SS)
- Water efficiency (WE)
- Energy and atmosphere (EA)
- Materials and resource (MR)
- Indoor environmental Quality (EQ)
- Innovation (IN)
- Regional priority (RP)

BREEAM (BRE Environmental Assessment Method) is currently one of the most widely used methods of assessing buildings in terms of their environmental performance in Europe. It was established in 1990 by the BRE (Building Research Establishment) organization.

The categories assessed during the certification of the building with the BREEAM multi-criteria assessment system are:

- Transport (Tra)
- Management (Man)
- Health and wellbeing (Hea)
- Energy (Ene)
- Land use and ecology (LE)
- Materials (Mat)
- Water (Wat)
- Waste (Wst)
- Pollution (Pol)
- Innovation (In)


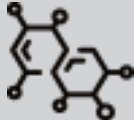








Manufacturing




Henkel Operation Poland
Stara Góra 24, 26-220 Stąporków;
Poland



As required by **LEED** points by the use of regional products can be obtained when at least 10% of the total cost of the materials used in the design are the materials in the region, which is obtained, produced or recovered in a radius of 500 miles (approx. 804 km) from the construction. It is possible to obtain: 1 point - 10% and 2 points - 20%.

The LEED v4 points can be multiplied x2 if local materials are sourced, manufactured or extracted within 100 miles (160 km).

	LEED	BREEAM
MANUFACTURING 	<p>As required by LEED points by the use of regional products can be obtained when at least 10% of the total cost of the materials used in the design are the materials in the region, which is obtained, produced or recovered in a radius of 500 miles (approx. 804 km) from the construction. It is possible to obtain: 1 point - 10% and 2 points - 20%. The LEED v4 points can be multiplied x 2 if local materials are sourced, manufactured or extracted within 100 miles (160 km)</p>	<p>In accordance with the requirements of the BREEAM International New Construction 2016 certification, you can get points in the Man 03 category - Transport monitoring. This category requires a record of cars arriving and departing from the construction site, their types, fuel consumption and kilometers traveled by them. The product has an indirect impact on this category.</p> <p>ORIGIN OF THE INGREDIENTS</p> <ul style="list-style-type: none"> • Poland • EU <p>Transport monitoring performed during the investment is then converted into CO2 equivalent, which was produced during the transport of materials from and to the construction site.</p>
COMPOSITION AND ORIGIN OF THE COMPONENT MATERIALS 	<ul style="list-style-type: none"> • inorganic mineral binder • inorganic mineral fillers • organic polymer binder • organic polymer additives <p>Production materials are obtained in Poland and EU. Accurate information about the origin of the product components is available after contacting the manufacturer.</p>	
CONTENT OF RECYCLED MATERIALS 	<p>Content in the product – 0% Recycled material has been determined in accordance with the definition of ISO 14021. The content of recycled material is given in%. In accordance with the requirements of LEED NC and LEED CS is possible to obtain 1 or 2 points in the credit MR4 if the contents of products derived from recycled post-consumer and pre-consumer is 10% or 20% of the total cost of the materials used in the project.</p>	
CONTENT OF MATERIALS THAT CAN BE RECYCLED	<p>Content in the product – 100% The percentage of material suitable for recycling in the finished product. The product can be recycled in its entirety or after preparation.</p>	
CONTENT OF DANGEROUS SUBSTANCE 	<p>LEED requirements – YES GEV Licence Number: 7247/20.07.98 TVOC after 28 days ≤ 60 TSVOC after 28 days ≤ 40 Sum of form- and acetaldehyde after 3 days ≤ 0.05 ppm Any volatile C1A/C1B after 28 days ≤ 1</p>	<p>BREEAM requirements – YES GEV Licence Number: 7247/20.07.98 TVOC after 28 days ≤ 60 TSVOC after 28 days ≤ 40 Sum of form- and acetaldehyde after 3 days ≤ 0.05 ppm Any volatile C1A/C1B after 28 days ≤ 1</p>
INDOOR AIR QUALITY 	<p>The product has an impact on obtaining points in the LEED v2009 NC and LEED v2009 CS certification in the field of IEQ 4.2, IEQ 4.3 and indirectly IEQ 4.1 as well as in obtaining points in the LEED v4 certification in the field of EQ Credit: Low-Emitting Materials</p>	<p>The product may contribute to meeting the requirements of BREEAM International New Construction 2016 certification in the scope of the Hea 02 point - Indoor Air Quality.</p>
IMPACT ON THE BUILDING LIFE CYCLE 		<p>The product may contribute to meeting the BREEAM International New Construction 2016 certification requirements for Mat03 credit - Responsible sourcing of construction products. The company has an ISO14001 certificate for the production of the product – ask for actually version.</p>

CERTIFICATES HOLDING BY THE PRODUCT AND FULFILLED STANDARDS 	<ul style="list-style-type: none"> • Emicode EC 1PLUS very low emission - GEV Licence Number: 7247/20.07.98 In LEED v4 Credit IEQ Low-Emitting Materials, the EMICODE is valid as proof of the general emission measurement when additionally supported by the formaldehyde content prescribed by LEED. • CE marking • DoP • Fire classification • REACH 	<ul style="list-style-type: none"> • Emicode EC 1PLUS very low emission - GEV Licence Number: 7247/20.07.98 • CE marking • DoP • Fire classification • REACH
INNOVATION 		The product can contribute to additional points or innovation by influencing the Mat01, Mat03 and Hea02 categories.

ENVIRONMENTAL POLICY

We declare to conduct activities aimed at environmental protection, in particular, conducting technological processes, technical works, sewage treatment, waste management, environmental monitoring, preventive activities, in accordance with technical standards and legal regulations, at the highest possible technical level available to the Company. We are committed to continuously reducing our environmental impact.

SUSTAINABILITY - OTHER INFORMATION

LIST OF QUALIFIED SUPPLIERS

The producer has a qualified list of suppliers.

RESPONSIBLE RECOVERY OF RAW MATERIALS

The producer acquires raw materials in a sustainable and responsible manner.

COMPANY CERTIFICATES AND STANDARDS

- ISO 9001:2015
- ISO 14001:2004
- ISO 45001

ECOSQUAD

Product card with the requirements of multi-criteria certification LEED, BREEAM and other ecological certificates.

Development and copyright: ECOSQUAD

Edition 1, Development date: 11.07.2022