Ceresit

ECOCARD

CT 48

Silicone self clean

PROPERTIES:

- Silicone paint
- highly self-cleaning
- highly dirt resistant
- extremely low water absorption
- highly vapour permeable
- durable
- stability of colour
- resistant to weather conditions and UV resistant
- BioProtect formula – resistant to the development of fungi, algae and mould
- available in full palette of Ceresit Colours of Nature®

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**
	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	**Emicode – ask producer**
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	**Emicode – ask producer**
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**
	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 in 1998. Certification is carried out in 120 countries and covers all types of buildings - from commercial to residential. LEED certificationis a globally recognized symbol of sustainability achievement and leadership.

The categories assessed during the certificationof 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 thebuilding 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)
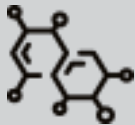- Pollution (Pol)
- Innovation (In)

Manufacturing

Henkel Operation Poland
Stara Góra 24, 26-220 Stąporków

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	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)	In accordance with the requirements of the BREEAM Interantional 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. ORIGIN OF THE INGREDIENTS • Poland • EU Transport monitoring performed during the investment is then converted into CO_2 equivalent, which was produced during the transport of materials from and to the construction site.
COMPOSITION AND ORIGIN OF THE COMPONENT MATERIALS	• Potable water • Solvent - Coalescent • Pigment • Filler • Binder • Additives Production materials are obtained in Poland and EU. Accurate information about the origin of the product components is available after contacting the manufacturer.	✖
CONTENT OF RECYCLED MATERIALS	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.	✖
CONTENT OF MATERIALS THAT CAN BE RECYCLED	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.	✖
CONTENT OF DANGEROUS SUBSTANCE	LEED requirements VOC - no measured, only theoretical calculated by PSRA To specify the remaining harmful substances amount - if present- requires report generation from the internal system by PSRA Department	BREEAM requirements VOC - no measured, only theoretical calculated by PSRA To specify the remaining harmful substances amount - if present- requires report generation from the internal system by PSRA Department
INDOOR AIR QUALITY	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	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.
IMPACT ON THE BUILDING LIFE CYCLE	✖	The product may contribute to meeting the BREEAM International New Costruction 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.

CERTIFICATES HOLDING BY THE PRODUCT AND FULFILLED STANDARDS	• EPD declaration In the LEED v4 certification process, a project may receive 1 point if the minimum 20 materials used in the project have an environmental statement (EPD). Systems with product CT48: - Popular – EPD no. 300/2022 valid to 01.04.2027 - Classic EPS - EPD no. 301/2022 valid to 01.04.2027 - Premium - EPD no. 302/2022 valid to 01.04.2027 - Universal EPS - EPD no. 303/2022 valid to 01.04.2027 - Wool Classic - EPD no. 306/2022 valid to 01.04.2027 - Wool Premium- EPD no. 307/2022 valid to 01.04.2027 - Universal MW - EPD no. 308/2022 valid to 01.04.2027 - Universal XPS - EPD no. 309/2022 valid to 01.04.2027 • CE marking • DoP • Fire classification • REACH	• EPD declaration The product can contribute to the fulfillment of the BREEAM certification requirements in terms of Hea 02 point - Internal Environment Quality. The product has an impact on obtaining BREEAM certification points in the field of Mat01 credit - Use of materials with low environmental impact, by obtaining 5 or 10 EPD declarations for the entire project, respectively Systems with product CT48: - Popular – EPD no. 300/2022 valid to 01.04.2027 - Classic EPS - EPD no. 301/2022 valid to 01.04.2027 - Premium - EPD no. 302/2022 valid to 01.04.2027 - Universal EPS - EPD no. 303/2022 valid to 01.04.2027 - Wool Classic - EPD no. 306/2022 valid to 01.04.2027 - Wool Premium- EPD no. 307/2022 valid to 01.04.2027 - Universal MW - EPD no. 308/2022 valid to 01.04.2027 - Universal XPS - EPD no. 309/2022 valid to 01.04.2027 • 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