

TARDIGRADE POLYURETHANE COATING



Manufacturer's Description of Product

Tardigrade construction chemicals offer durable, hygienic, industrial-flooring based, coatings and waterproof applications. With their high mechanical and chemical performance, Tardigrade products provide excellent adhesion and penetration for any industrial application. Available in epoxy, polyurethane, polyurea and polyaspartic systems. For more information, please visit <http://www.tardigrade.com/tr/ourproducts/polyurethane/index.html>

About LEED

LEED®, or Leadership in Energy and Environmental Design, is a green building certification program that recognizes best-in-class building strategies and practices. It is the preeminent program for the design, construction, maintenance and operations of high-performance green buildings. Projects must satisfy the requirements of prerequisites and earn points to achieve different levels of LEED® certification. Visit www.usgbc.org for more information.



SUSTAINABLE SITES (SS)

Heat Island Effect- Roof & Non-Roof

SS Credit 7.1
SS Credit 7.2
SS Credit 1 (CI)

Due to rapid decrease of green areas and increase of dark-colored surfaces, temperatures increase in the cities relatively higher than rural areas. This creates heat islands in urban areas. In order to prevent this situation, high SIR (Solar Reflectance Index) rated, white or off-white colors should be preferred on the roof and non-roof areas.

White or off-white RAL colored, Tardigrade polyurethane floor coatings, with appropriate SRI values, can support to achieve the relevant credits by preventing heat island effect, when applied in roofs, terraces and hardscapes.

Applicable Building Types*	NC	C&S	CI	CIR	NCR	SCH	HC	EBOM	H
LEED® Point Value of Credit	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1



INDOOR ENVIRONMENTAL QUALITY (IEQ)

Low-Emitting / Environmentally Preferable Paints and Coatings

IEQ Credit 4.2
MR Credit 2 (Homes)

The aim of this credit is to reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants. Paints and coatings used on the interior of the building must not exceed the VOC (Volatile Organic Compound) content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113. The maximum VOC limit of polyurethane floor coating is 100 gr/liter.

Tardigrade Polyurethane floor coating, with VOC contents below the limits, contributes to achieve credits in this issue.

TARDIGRADE POLYURETHANE FLOOR COATINGS:

Tardigrade PCSL 210

Two-component, low viscosity, solvent free, self-leveling and multipurpose flooring and waterproofing material. The VOC content is 20 gr/liter.

Tardigrade PCSE 250

Two-component, low viscosity, solvent free, self-leveling, semi-elastic multi-purpose flooring and waterproofing material. The VOC content is 20 gr/liter.

Tardigrade PCPE 270

Disclaimer: The above product has been assessed by Altensis Energy Construction Ltd, an independent Green Building Consultancy Company, for Cevredostu.com based solely on the data given by the manufacturer. Cevredostu.com does not check and is not responsible for the correctness and/or the completeness of manufacturer's data. LEED® certification schemes have strict criteria that can dramatically change from project to project. The text above represents only a professional opinion of a particular product, and does NOT guarantee that the use of this product shall get any LEED® points for a specific project and thus Cevredostu.com or any of its affiliates cannot be held liable for not achieving any of the above LEED® points or any damages caused by using the above product. LEED®, and its related logo, is a trademark owned by the U.S. Green Building Council® and is used with permission.

Two component, low viscosity, solvent free, self-leveling, full elastic multipurpose flooring and waterproofing material. The VOC content is 20 gr/liter.

Applicable Building Types*	NC	C&S	CI	CIR	NCR	SCH	HC	H
LEED® Point Value of Credit	1	1	1	1	1	1	1	0.5

REGIONAL PRIORITY (RP)



Regional Priority RP Credits 1.1 – 1.4

Depending on the project location and regional priorities determined by UGSBC, Izomaks Polyurethane Coatings can help projects qualify for regional priority point(s).

Applicable Building Types*	NC	C&S	CI	CIR	NCR	SCH	HC	EBOM
LEED® Point Value of Credit	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4

* LEED Building Type Acronyms and Legend

New Construction & Major Renovations (NC)	Existing Building Operation & Maintenance (EBOM)	Core & Shell (C&S)
Commercial Interiors (CI)	Schools (SCH)	Healthcare (HC)
New Construction – Retail (NCR)	Commercial Interiors – Retail (CIR)	Homes (H)

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