

## TARDIGRADE EPOXY COATINGS & PRIMERS



### 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/primers/index.html> <http://www.tardigrade.com.tr/ourproducts/epoxy/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](http://www.usgbc.org) for more information.

## 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 epoxy floor coatings and primers are 100 gr/liter.

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

### TARDIGRADE EPOXY FLOOR COATINGS:

#### Tardigrade ECSL 210

Two-component, solvent-free, self-leveling flooring material, which is suitable for use in concrete and cementations mineral surfaces. It is durable for mechanical loads, wear- and chemical-resistant. The VOC value is 24 gr/liter.

#### Tardigrade ECTC 240

Two-component, low viscosity, solvent free, light orange pattern colored, the intermediate layer and the final coating material. This feature provides a rough and non-slip surface. The VOC content is 20 gr/liter.

#### Tardigrade ECTX 250

Two-component, low viscosity, solvent free, orange patterned colored topcoat material. Thanks to its high thixotropic properties it provides textured non-slip surface. The VOC content is 40 gr/liter.

#### Tardigrade ECWB 280

Two-component, water based, paint and coating, which can be applied to floors and walls. It is moisture tolerant. The VOC content is 45 gr/liter.

#### Tardigrade ECAS 290

Two-component, solvent free, self-leveling, anti-static coating material. This feature enables to implement it as the main floor coating in the electrical and electronics industry facilities where anti-static coating is required. The VOC content is 24 gr/liter.

**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.



## INDOOR ENVIRONMENTAL QUALITY (IEQ)

<b>Low-Emitting / Environmentally Preferable Paints and Coatings</b> IEQ Credit 4.2 MR Credit 2 (Homes)	<b>TARDIGRADE EPOXY BASED PRIMERS:</b>							
	<b><u>Tardigrade EPST 100</u></b>							
	Two-component, low viscosity, solvent-free, primer and impregnation material. It is used for undercoating of Tardigrade branded epoxy and polyurethane floor coating. The VOC content is 25 gr/liter.							
	<b><u>Tardigrade EPMT 140</u></b>							
	Two-component, low viscosity, high adhesivity to damp concrete and mineral surfaces, solvent-free, undercoating and impregnation material. Can be implemented both in interior and exteriors. The VOC content is 25 gr/liter.							
<b><u>Tardigrade EPHP 150</u></b>								
Modified epoxy based, two-component, low viscosity, solvent-free, high-performance undercoating and binding material. Can be used as undercoating, binding and repair mortar for the glazed surfaces like glass, ceramics, etc. VOC content is 25 gr/liter.								
<b><u>Tardigrade EPAS 190</u></b>								
Two-component, black, low viscosity, solvent-free, anti-static undercoating and impregnated material. This feature is needed in the electrical and electronics industry facilities such as anti-static floor coating system is used as lining material. The VOC value is 13 gr/liter.								
Applicable Building Types*	<b>NC</b>	<b>C&amp;S</b>	<b>CI</b>	<b>CIR</b>	<b>NCR</b>	<b>SCH</b>	<b>HC</b>	<b>H</b>
LEED® Point Value of Credit	1	1	1	1	1	1	1	0.5

## REGIONAL PRIORITY (RP)



<b>Regional Priority</b> RP Credits 1.1 – 1.4	Depending on the project location and regional priorities determined by UGSBC, Izomaks Epoxy coatings & primers can help projects qualify for regional priority point(s).								
	Applicable Building Types*	<b>NC</b>	<b>C&amp;S</b>	<b>CI</b>	<b>CIR</b>	<b>NCR</b>	<b>SCH</b>	<b>HC</b>	<b>EBOM</b>
	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 ( <b>NC</b> )	Existing Building Operation & Maintenance ( <b>EBOM</b> )	Core & Shell ( <b>C&amp;S</b> )
Commercial Interiors ( <b>CI</b> )	Schools ( <b>SCH</b> )	Healthcare ( <b>HC</b> )
New Construction – Retail ( <b>NCR</b> )	Commercial Interiors – Retail ( <b>CIR</b> )	Homes ( <b>H</b> )

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