



SUSTAINABILITY PRODUCT REPORT

Building a SUSTAINABLE future together



Mapefer 1K

Corrosion-Inhibiting Coating for Reinforcing Steel

PRODUCT SUMMARY

MAPEI Product Line(s) Construction and Restoration Systems | Products for Sports Surfaces

Product Information [Visit the Product Page](#)

VOLATILE ORGANIC COMPOUNDS

	VOC Content	Not Applicable to the Product Type
	Standard for VOC Content	
	SCAQMD Ruling Product Type	
	VOC Emissions Certification CDPH Standard Method v1.2-2017	SCS Global Services Indoor Advantage Gold

MATERIAL INGREDIENTS

	Material Ingredient Report Pre-Checked for LEED 1,000 ppm	Not Available
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AVOIDANCE OF CHEMICALS OF HIGH CONCERN

	Request Product-Specific Verification Letter
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ENVIRONMENTAL PRODUCT DECLARATION

	EPD Type	Product-Specific Type III EPD
	Certified By	International EPD System

RECYCLED CONTENT

	Post-Consumer	0.00%
	Pre-Consumer	0.00%

SOCIAL HEALTH AND EQUITY

	DESIGN FOR FREEDOM by grace farms MAPEI products are made under fair labor conditions and support the communities involved in their products. MAPEI is committed to working toward equitable supply chains; our policies of supply chain practices conform to the Design for Freedom principles.
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GREEN SQUARED

	Green Squared / ANSI A138.1-2011 v2 for Tile Installation Materials	Not Available
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MAPEI'S GREEN PRODUCT CERTIFICATIONS CONTRIBUTIONS TO GREEN BUILDING CERTIFICATIONS

The credits summarized below are supported by direct links above to the corresponding sustainable attributes and certifications. Where no information is provided above, the product does not have the applicable sustainable attribute or certification.

LEED VERSION 4/4.1

CREDIT	CREDIT CRITERIA	SUPPORTING SECTION [PAGE 1]
Materials & Resources (MR) credit (c) Environmental Product Declaration	Option 1: EPD	Environmental Product Declaration
	Option 2: Embodied Carbon/LCA Optimization	Product does not meet criteria
MRc Sourcing of Raw Materials	Responsible Sourcing of Raw Materials	Recycled Content
MRc Material Ingredients	Option 1: Reporting	Product does not meet criteria
	Option 2: Optimization	Product does not meet criteria
MR Regional Criteria	100% of products must be extracted, manufactured, and purchased within 100 miles of the project site.	Product does not meet criteria
Indoor Environmental Quality (IEQ) credit Low-Emitting Materials	VOC Content + SCAQMD Ruling	Volatile Organic Compounds
	VOC Emissions + TVOC Range	
MRpc112 Pilot Certified Multi-Attribute Products and Materials	Green Squared / ANSI A138.1-2011 v2 for Tile Installation Materials	Product does not meet criteria
Project teams may pursue individual credits under either LEED v4 or LEED v4.1, regardless of the LEED version under which the project is registered.		

LEED VERSION 5

MATERIALS & RESOURCES CREDIT	CREDIT CRITERIA	SUPPORTING SECTION [PAGE 1]
MRc3 Low-Emitting Materials	Adhesives and Sealants	Volatile Organic Compounds
MRc4 Building Product Selection and Procurement	Climate Health	Environmental Product Declaration
	Human Health	Product does not meet criteria
	Ecosystem Health	Product does not meet criteria
	Social Health and Equity	LEED criteria under development
	Circular Economy	Recycled Content
MRpc112 Pilot Certified Multi-Attribute Products and Materials	Green Squared / ANSI A138.1-2011 v2 for Tile Installation Materials	Product does not meet criteria

LIVING BUILDING CHALLENGE 4.0

IMPERATIVE	IMPERATIVE CRITERIA	SUPPORTING SECTION [PAGE 1]
10. Healthy Interior Performance	CDPH Standard Method Compliance	Volatile Organic Compounds
12. Responsible Materials	Ingredients Disclosure	Product does not meet criteria
13. Red List	Avoidance of Chemicals of Concern	
12. Responsible Materials and/or 15. Living Economy Sourcing	Manufacturing Locations	Request Project-Specific Manufacturing Locations

THE WELL BUILDING STANDARD VERSION 2

FEATURE	FEATURE CRITERIA	SUPPORTING SECTION [PAGE 1]
Materials (X)06 VOC Restrictions	Part 1: Limit VOCs from Wet-Applied Products	Volatile Organic Compounds
X07 Materials Transparency	Part 1: Products with Disclosed Ingredients	Product does not meet criteria
X08 Materials Optimization	Avoidance of Chemicals of Concern	

MINDFUL MATERIALS COMMON MATERIALS FRAMEWORK

IMPACT AREA	SUB-IMPACT CRITERIA	SUPPORTING SECTION [PAGE 1]
Human Health	Substances	Product does not meet criteria
	VOCs	Volatile Organic Compounds
Climate Health	Embodied Carbon	Environmental Product Declaration
	Company Carbon Impact	MAPEI Global Sustainability Report
Circular Economy	Sourcing	Environmental Product Declaration
	End of Life	Environmental Product Declaration
Social Health & Equity	Company Workplace	MAPEI Global Sustainability Report
	Supply Chain (Product)	MAPEI's Design for Freedom Questionnaire
Ecosystem Health	Environmental Impacts	Environmental Product Declaration