



SUSTAINABILITY PRODUCT REPORT

Building a SUSTAINABLE future together



Carboplate E 170

Pultruded Carbon Fiber Plate Pre-Impregnated in Epoxy-Based Resin

PRODUCT SUMMARY

MAPEI Product Line(s) Construction and Restoration Systems | Products for Structural Strengthening

Product Information [Visit the Product Page](#)

VOLATILE ORGANIC COMPOUNDS



VOC Content

Standard for VOC Content

SCAQMD Ruling Product Type

VOC Emissions Certification
CDPH Standard Method v1.2-2017

Not Applicable to Product Type

[SCS Global Services Indoor Advantage Gold](#)

MATERIAL INGREDIENTS



Material Ingredient Report
Pre-Checked for LEED | 1,000 ppm

Not Available

AVOIDANCE OF CHEMICALS OF HIGH CONCERN



[Request Product-Specific Verification Letter](#)

ENVIRONMENTAL PRODUCT DECLARATION



EPD Type

Certified By

Not Available

RECYCLED CONTENT



Post-Consumer

0%

Pre-Consumer

0%

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.

GREEN SQUARED



Green Squared / ANSI A138.1-2011 v2 for
Tile Installation Materials

Not Available

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 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 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 VOC Emissions + TVOC Range	Volatile Organic Compounds
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	Flooring	Volatile Organic Compounds
MRc4 Building Product Selection and Procurement	Climate Health	Product does not meet criteria
	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	Product does not meet criteria
	Company Carbon Impact	MAPEI Global Sustainability Report
Circular Economy	Sourcing	Product does not meet criteria
	End of Life	Product does not meet criteria
Social Health & Equity	Company Workplace	MAPEI Global Sustainability Report
	Supply Chain (Product)	MAPEI's Design for Freedom Questionnaire
Ecosystem Health	Environmental Impacts	Product does not meet criteria