



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)	Products for Structural Strengthening
Product Information	Link to Product Page

Volatile Organic Compounds

	VOC Content	Not Applicable
	Standard	
	Product Type	Laminates
	VOC Emissions Certification CDPH Standard Method v1.2-2017	SCS Global Services Indoor Advantage Gold

Material Ingredient Reporting

	Material Ingredient Report	Not Applicable
	For additional material ingredient information that is not shown on the table above, contact us at sustainability_USA@mapei.com .	

Red List Free

	Red List Letter Applicable for Living Building Challenge projects. Not applicable for LEED projects.	Request a project-specific Red List Letter

Environmental Product Declaration (EPD)

	EPD Program Operator	Not Applicable
	EPD Type	

Recycled Content

	Post-Consumer	0%
	Pre-Consumer	0%

Regional Criteria

	Extraction Locations	Not Available
	Manufacturing Locations Not applicable for LEED projects.	Request Manufacturing Locations

Green Squared Certification

	Green Squared / ANSI A138.1-2011 v2 for Tile Installation Materials	Not Applicable
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MAPEI's Green Product Certifications Contribute to Green Building Certifications

LEED v4/4.1 MR credit: Environmental Product Declarations (EPDs) - Option 1	
LEED v4/4.1 MR credit: Sourcing of Raw Materials - Recycled Content	
LEED v4/4.1 MR credit: Material Ingredients - Option 1; 3 rd -Party Verified (with 1.5 products under v4.1)	
LEED v4/4.1 IEQ credit: Low-Emitting Materials	✓
LEED v4/4.1 Innovation credit: Certified Multi-Attribute Products and Materials – Green Squared	
Living Building Challenge Health + Happiness Imperative 10 Healthy Interior Performance	✓
Living Building Challenge Materials Imperative 12 Responsible Materials	
Living Building Challenge Materials Imperative 13 Red List	Ask MAPEI
Living Building Challenge Materials Imperative 15 Living Economy Sourcing	Ask MAPEI
WELL v2 X06 Materials Feature VOC Restrictions	✓
WELL v2 X07 Materials Feature Materials Transparency – Part 1; Part 3	
WELL v2 X08 Materials Feature Materials Optimization – Part 1	Ask MAPEI

Optimized Product Impact Areas

Human Health	✓
Climate Health	
Ecosystem Health	
Social Health & Equity	✓
Circularity	

