



**Reduce embodied carbon.
Specify cement-free CMUs.**

CarbiCrete cement-free CMUs avoid 100% of the emissions associated with cement production, while also removing carbon from the atmosphere permanently.

Our groundbreaking technology eliminates the use of cement as the binder in concrete and uses carbon mineralization to permanently lock away CO₂ in concrete products.

- PERMANENTLY REMOVES CO₂
- MEETS ASTM C90 PERFORMANCE REQUIREMENTS
- MEETS FIRE RESISTANCE, FREEZE/THAW AND ACOUSTIC PROPERTIES REQUIREMENTS
- HIGHER COMPRESSIVE STRENGTH (UP TO 30%)
- CONTRIBUTES TO LEED POINTS

— NOW AVAILABLE AT —
PATIO DRUMMOND
patiodrummond.com

info@patiodrummond.com
819-394-2505

CEMENT-FREE CMUs

**THE GREATEST INNOVATION
IN CONSTRUCTION
TECHNOLOGY**

Block Properties	Cement-Based CMU	CarbiCrete CMU
Environmental Impact		
Global Warming Potential (kgCO ₂ e)	1.62	-0.02
Carbon Removal (kg)	0	0.5
Landfill Waste Reduction (kg)	0	0.2
Primary Materials Conservation (kg)	0	3.3
Dimensions (mm)		
Width	190	190
Height	190	190
Length	390	390
Thickness (mm)		
Walls	32	32
Web	26	26
Equivalent Thickness	105	105
Volume (mm³)		
Gross	14,079	14,079
Net	7,884	7,884
Surface Area (mm²)		
Gross	741	741
Net	415	415
Weight (kg)	17.3	18.1
Concrete Wall Weight (kg/m²)	233	243
Compressive Strength (MPa)	15	>20
Density (kg/m³)	2,190	2,300
Fire Resistance (hrs)	1.8	1.8
Sound Properties (STC-dB)	50	50
Thermal Properties (RSI-M2.°C/W)	0.21	0.21