



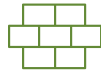
# Carbon Negative Cement & Concrete

Advantages Over Conventional Concrete



### SOUND ABSORPTION

Noise Ratio Coefficient (NRC)  
0.10 vs 0.05  
(2x better)



### BOND STRENGTH

Modulus of Rupture (MOR)  
660-990 PSI vs. 200-325 PSI  
(3x better)



### WEIGHT

~15-20% lighter  
(critical for shipping)



### SOUND TRANSMISSION

Test Results  
Coming Soon






### BLAST RESISTANCE

Enhanced protection  
against fragmentation  
and deformation



### Sustainable + Superior

Our ProZERO™ building material spans an ever-evolving array of applications, providing both sustainable production and superior performance in a single solution.

PRODUCT	DESCRIPTION	STATUS	AUDIENCE	PROJECTS	APPLICATIONS / INFORMATION
<b>Carbon Negative Supplemental Blend</b> Cement & Ready-Mix Solution 	Cement & Concrete made with our ProZERO™ blend can achieve carbon negative alternatives	<b>In production</b>	All in need of cast-in-place concrete applications	Low-Embodied Carbon	Prometheus Materials continues to innovate low-carbon alternatives to cement and concrete products. Initial global warming potential (GWP) indicates a -1.70 kg CO <sub>2</sub> -eq/ Y <sup>3</sup>
<b>Block-Based Construction</b> Zero Carbon Masonry Unit 	A proven carbon negative design solution with attributes superior to concrete	<b>In production</b>	Architects, Owners, General Contractors, Masonry Contractors, Municipalities	LEED Certified Construction, Sustainable Design, Low-Embodied Carbon	ASTM C90 & C129*, C423, C518, C1314, E84 ... interior & exterior construction, park & recreation pavilions, decorative wall systems and more
<b>Pedestrian &amp; Parking Surfaces</b> Low Carbon Paving Solutions 	A sustainable and durable parking, pedestrian & stormwater management solution	<b>In production</b>	Landscape Architects, Architects, Owners, General Contractors	LEED Certified Construction, Stormwater Management, Sustainable Design, Low-Embodied Carbon	ASTM C936, parking stalls and surfaces, pedestrian walkways, stormwater BMPs, retention pond reduction/elimination and more
<b>Hardscape Wall Systems</b> Segmented Wall Unit Solution 	Sustainability plus sound absorption for residential, roadside and other environments	<b>In development</b>	Architects, Owners, General Contractors, Masonry Contractors, Municipalities	LEED Certified Construction, Sustainable Design, Low-Embodied Carbon, Retaining Walls	ASTM C1372, landscape, residential developments, department of transportation, patios, parking lots and more
<b>Sound Attenuation</b> Acoustic Panel Solution 	Superior strength & sound absorption in thinner, lighter panels that are zero-carbon	<b>In testing</b>	Architects, Owners, General Contractors, Interior Designers, Municipalities, Acoustic Consultants	LEED Certified Construction, Sustainable Design, Low-Embodied Carbon, Schools, Public Office Buildings	ASTM C423, ASTM E84, acoustic performance, thermal considerations and more

\*Meets ASTM C90 & C129 criteria for strength, density and water absorption.