

LIME WHITE **WATERSHED** BLOCK™



The Lime White Watershed Block offers a remarkable step forward for modern masonry - a zero cement formula, a stunning glacier white appearance and a novel mix design with a dramatically increased sustainability profile. The block uses no Portland cement - a notorious polluter responsible for 6% of humanity's CO2 emissions - instead deriving strength from the high compression lithification of lime, recycled ground granulated blast furnace slag and natural clays. The Lime White Watershed Block offers unique aesthetics and sustainability along with standard industry performance. Eliminated cement lowers the block's CO2 footprint compared to traditional concrete block. The bright glacier white appearance emerges from the unique lime, slag and clay aluminosilicate binder. The Lime White Watershed Block meets or exceeds ASTM C90 specifications, allowing engineers and architects to specify the block with confidence.

Environmental Advantages

- Eliminates cement, an expensive and hugely polluting binder responsible for 6% of humanity's CO2 footprint
- Incorporates locally sourced, unwashed aggregate, reducing water use and diesel emissions from transportation
- Contains recycled post-industrial quarry byproducts
- Avoids energy intensive steam curing
- Increased density provides natural thermal mass that can offset heating and cooling needs

Technical Specifications

Nominal Dimensions: 4x8x16", 6x8x16", 8x8x16",
Bondbeam blocks 6" & 8" high.
Dry Density: 120-125 pcf (medium-weight)
Weight: 21.1 lbs per 4" block, 27.4 lbs per 6" block,
42.2 lbs per 8" block
Compressive Strength: Greater than 1,900 psi
(ASTM C90 compliant)
Water Absorption: Less than 13 pcf
(ASTM C90 compliant)
Linear Shrinkage: Less than 0.065%
(ASTM C90 compliant)
Thermal Conductivity: 0.81-0.93 W/m°C
Acoustic Reduction: 40-50 dB (40 cm wall 500Hz)

