

# Cement-Free Decarbonized CMUs



Technical Sheet

Meets CSA A165.1-14 (R2019) and ASTM C90 requirements

Properties	Units of Measure	Value
Block type	-	Hollow
Four-facet designation	-	H/15/A/M
Dimensions	mm	
Width		190
Height		190
Length		390
Thickness	mm	
Min face shell		32
Min web		26
Equivalent		101
Area	mm <sup>2</sup>	
Gross cross-sectional		74,100
Net cross-sectional		39,122
Percentage solid	%	53
Volume	mm <sup>3</sup> x 10 <sup>6</sup>	
Gross		14.079
Net		7.428
Unit weight	kg	16.6
Concrete wall weight	kg/m <sup>2</sup>	208
Specified cross-sectional compressive strength	MPa	15.0
Density (oven-dried)	kg/m <sup>3</sup>	2,183
Average water absorption	kg/m <sup>3</sup>	133.6
Fire resistance rating (load-bearing)	hours	1.8
<b>CAN/ULC S101 / ASTM E119</b>		
Sound properties (STC)	dB	48
Thermal properties	m <sup>2</sup> °C/W	0.36

\*Hollow blocks are supplied at a ratio of 2 standard blocks (open ended) to 1 corner block (flat end).

All values and product properties are typically averages measured under laboratory conditions. On-site variations can be expected owing to local factors including but not limited to preparation, environment, application, curing and test methods, etc.