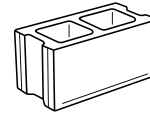


Cement-Free Decarbonized CMUs

Preliminary Technical Sheet



Physical Properties	Units of Measure	Value
Block type	-	Standard block
Symbolic description	-	H/15/A/M - H/20/A/M
Dimensions		
Width		190
Height	mm	190
Length		390
Thickness		
Walls		32
Webs	mm	26
Equivalent		105
Volume		
Gross		14,079
Net	mm ³	7,884
Percentage solid	%	52.1
Surface (area)		
Gross		74,000
Net	mm ²	42,000
Weight	kg	17.5
Concrete wall weight	kg/m ²	243
Mean compressive strength		
Gross surface	MPa	14.74
Net surface		26.6
Density	kg/m ³	2,183
Maximal water absorption	kg/m ³	133.6
Fire resistance	hours	Awaiting final test results
Sound properties	dB	48
Thermal properties	W/(mK)	0.477

*Hollow blocks are supplied at a ratio of 3 standard blocks (open ended) to 1 corner block (flat end).