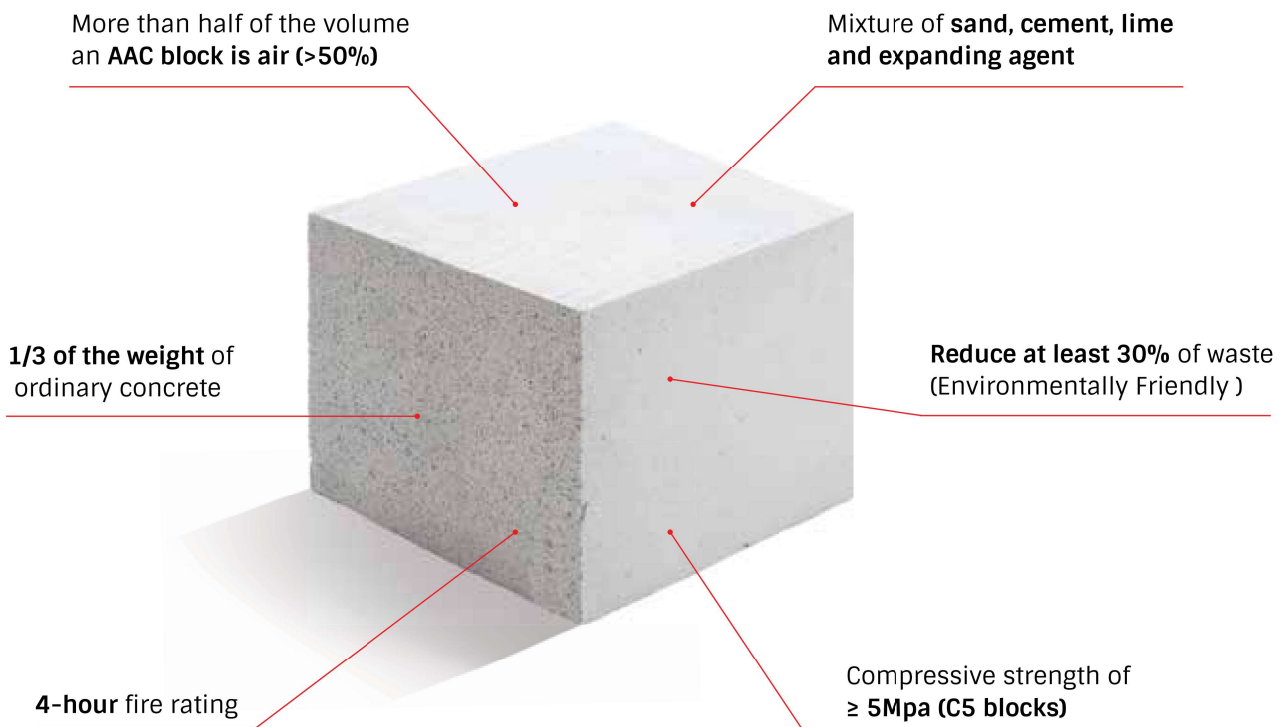


What is AAC?

AAC stands for Autoclaved Aerated Concrete



CERTIFICATIONS

CIDB IBS CERTIFIED

SINGAPORE GREEN LABEL

ISO 9001:2008 QUALITY SYSTEM

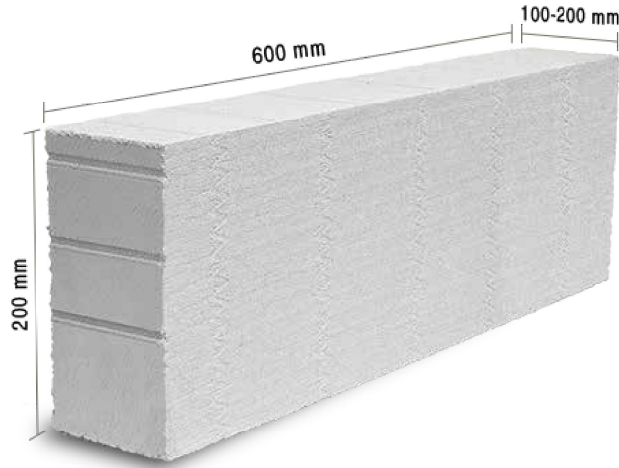
ISO 14001:2004 ENVIRONMENTAL MANAGEMENT SYSTEM

SIRIM PRODUCT CERTIFICATION

BOMBA CERTIFICATION

AAC BLOCKS

Autoclaved Aerated Concrete



Greencon AAC blocks provide superior strength that gives resistance against cracks, impact strength and acoustic performance. The blocks can be used in internal and external applications, either as infill or load-bearing walls.

Greencon AAC blocks can be easily cut into different sizes with tungsten carbide-tipped handsaw that gives maximum flexibility and minimizes wastage.

PROPERTY	VALUE	
	C3	C5
Specified Compressive Strength	$\geq 3 \text{ N/mm}^2$ or $\geq 3 \text{ MPa}$	$\geq 5 \text{ N/mm}^2$ or $\geq 5 \text{ MPa}$
Dry Density	$500 \pm 50 \text{ kg / m}^3$	$600 \pm 50 \text{ kg / m}^3$
Working Density	$700 \pm 50 \text{ kg / m}^3$	$850 \pm 50 \text{ kg / m}^3$
Fire Resistance	4 hours	
Dimension	600mm (l) x 200mm (h) x 100 - 200mm (t)	
Thermal Conductivity	0.17 W/mK - 0.23 W/mK	
Shrinkage	0.5mm / m	
Dimensional Tolerance	$\pm 2\text{mm}$	
Sound Reduction (STC)	35 - 52 dB	

Note : All dimensions, densities are nominal. For actual dimensional tolerances, please refer to the Greencon™ product specification. Higher compressive strength and height of blocks are available upon request.

GREENCON™ AAC STANDARD BLOCK SIZE RANGE	Standard Nominal Length (mm)	600	600	600	600	600
	Standard Nominal Length (mm)	200	200	200	200	200
	Nominal Block Thickness (mm)	75	100	125	150	200
	Meter Square Per Pallet (m ²)	28.80	21.60	17.28	14.40	10.08
	No. Of Pieces Per Pallet	240	180	144	120	84
	Nominal Weight "C3" (KG)	-	8.5 ±	10.6 ±	12.75 ±	17 ±
	Nominal Weight "C5" (KG)	7 ±	9.5 ±	12 ±	14.25 ±	19 ±