

# PRODUCT DATASHEET

## AAC BLOCK

### General Features

**Exeed Litecrete LLC** - The UAE's leading manufacturer of Autoclaved Aerated Concrete (AAC), lightweight, 'green building' solutions, available in blocks, panels and lintels.

Exeed Industries is the UAE's ONLY manufacturer and supplier of Autoclaved Aerated Concrete (AAC) products, masonry mortars and plaster materials, providing a convenient, single source solution for high efficiency wall installations under one trusted brand.



**Non  
Combustible**



**Environmental  
Credentials**



**Fast  
Construction**



**Acoustic  
Insulation**



**Thermal  
Insulation**



**Workability**



**Moisture  
Resistant**

### Grades of Exeed Litecrete AAC – Blocks

Physical and design properties

Properties					
Specifications	Units	Class			
		E0	E2	E3	E4
Dry Density	Kg/m <sup>3</sup>	430 ± 30	500 ± 20	600 ± 20	650 ± 20
Aeration Method		Chemical Reaction			
Curing Process		Autoclaving			
Ave. Compressive Strength	N/mm <sup>2</sup>	3.2	3.2	5.0	≥ 5.5
Thermal Conductivity	W/mK	0.12	0.135	0.14	0.18
Acoustic Test (STC) for 200mm Thick AAC Block	DB	45	48	50	50
Fire Resistance	Hours	Four (4) hours @ 100 mm (Warrington Fire Assessment WF 407646)			
Elastic Modules	N/mm <sup>2</sup>	1400	1750	2250	≥ 2250



An ISO Certified Company

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