

TECHNICAL DATA #1

SPECIFICATIONS

All concrete masonry units manufactured at all locations exceed minimum standards as established by the current ASTM C90 standard specifications, having a minimum density of 125 PCF (oven-dry weight).

All lightweight masonry units comply to ASTM C90 standard specifications, having a maximum density of 105 PCF (oven-dry weight).

Laboratory test results are available upon request.

Compressive strengths are achieved which exceed the minimum strength requirements. Please inquire when high strength requirements are needed.

Integral colored units are available on a special order basis.

Acme Shield and Dry Block Additives are available to increase integral water repellency and to assist control of efflorescence.

THERMAL RESISTANCE

Coefficients of heat transmission (U-Factors)

Unit	STANDARD WEIGHT		LIGHTWEIGHT	
	Uninsulated	Cores filled	Uninsulated	Cores Filled
4x8x16 Partition	.55	-	.42	-
6x8x16 Partition	.54	.47	.40	.26
8x8x16 Plain	.51	.29	.35	.17
12x8x16 Plain	.45	.25	.32	.13

(U-Factor = the amount of heat, expressed in BTU, transmitted in one hour through one square foot of a building section (wall, floor or ceiling) for each degree F of temperature difference between air on the warm side and air on the cold side of the building section).

SOUND TRANSMISSION

Sound Transmission Class (STC) for a single wythe wall.

Unit	STANDARD WEIGHT		LIGHTWEIGHT	
	Uninsulated	Cores filled	Uninsulated	Cores Filled
4x8x16 Hollow	44	40	40	38
6x8x16 Plain	48	43	45	40
8x8x16 Plain	53	48	46	39
12x8x16 Plain	56	51	52	47