



Protection is a concrete idea.



Hi-R-H Wall Weights (psf)

Weight of Grout:

105 pcf

03/06/16

Wall Thickness (in)		Light-weight Units 103 pcf			Medium-weight Units 115 pcf			Normal-weight Units 135 pcf		
		8	10	12	8	10	12	8	10	12
Grout Spacing (in)	Solid Grouted		57.8	75.2		61.9	79.7		68.7	87.3
	16		46.7	57.3		50.8	61.8		57.6	69.4
	24		43.0	51.3		47.1	55.9		53.9	63.5
	32	N/A	41.1	48.3		45.2	52.9		52.0	60.5
	40		40.0	46.5		44.1	51.1		50.9	58.7
	48		39.2	45.4		43.3	49.9		50.2	57.5
	No Grout		35.5	39.4		39.6	43.9		46.5	51.5

Flange thickness - grouted side		1.626	1.7515 in
Flange thickness - insulated side		1.6885	1.7515 in
Web thickness		2.306	2.306 in
Grout thickness	N/A	2.974	4.7795 in
Insulation thickness		3.3375	3.3425 in
Reduced web height at insert		4.5	4.5 lbs
Insulation insert weight (A+B)		0.2742	0.2742 lbs

Concrete Block Insulating Systems

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 Freight House Road
 West Brookfield, MA 01585-1000

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 Member of NCMA and EPSMA





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Hi-R-H Wall Weights (psf)

Weight of Grout:

140 pcf

03/06/16

		Light-weight Units 103 pcf			Medium-weight Units 115 pcf			Normal-weight Units 135 pcf		
		8	10	12	8	10	12	8	10	12
Grout Spacing (in)	Wall Thickness (in)	8	10	12	8	10	12	8	10	12
	Solid Grouted		65.2	87.1		69.3	91.7		76.2	99.3
	16		50.4	63.3		54.5	67.8		61.3	75.4
	24	N/A	45.4	55.3		49.5	59.9		56.4	67.4
	32		43.0	51.3		47.1	55.9		53.9	63.5
	40		41.5	48.9		45.6	53.5		52.4	61.1
	48		40.5	47.3		44.6	51.9		51.4	59.5
	No Grout		35.5	39.4		39.6	43.9		46.5	51.5

Hi-R-H

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