



Protection is a concrete idea.

**Hi-R Wall Weights (psf)**

Weight of Grout:

105 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	47.6	65.0	82.4	51.4	69.4	87.4	57.8	76.7	95.6
	16	40.3	51.4	62.5	44.1	55.7	67.4	50.4	63.0	75.7
	24	37.8	46.8	55.9	41.6	51.2	60.8	48.0	58.5	69.0
	32	36.6	44.6	52.5	40.4	48.9	57.5	46.7	56.2	65.7
	40	35.8	43.2	50.6	39.6	47.6	55.5	46.0	54.9	63.7
	48	35.3	42.3	49.2	39.2	46.7	54.2	45.5	53.9	62.4
No Grout	32.9	37.7	42.6	36.7	42.1	47.5	43.0	49.4	55.7	

**Hi-R**

	8	10	12
Flange thickness - grouted side	1.281	1.531	1.781 in
Flange thickness - insulated side	1.781	1.781	1.781 in
Web thickness	1.4375	1.4375	1.4375 in
Grout thickness	2.049	3.798	5.549 in
Insulation thickness	2.515	2.515	2.515 in
Reduced web height at insert	5	5	5 lbs
Insulation insert weight (A+B)	0.1987	0.1987	0.1987 lbs

**Concrete Block Insulating Systems**

P.O. Box 1000  
 Freight House Road  
 West Brookfield, MA 01585-1000

508.867.4241  
 800.628.8476  
 Fax: 508.867.5702

[www.cbisinc.com](http://www.cbisinc.com)  
 E-mail: [korfil@cbisinc.com](mailto:korfil@cbisinc.com)  
 Member of NCMA and EPSMA





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**Hi-R Wall Weights (psf)**

03/06/16

Weight of Grout:

140 pcf

		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	52.5	74.1	95.7	56.3	78.5	100.6	62.7	85.7	108.9
	16	42.7	55.9	69.1	46.5	60.3	74.1	52.9	67.6	82.3
	24	39.4	49.9	60.3	43.2	54.2	65.2	49.6	61.5	73.5
	32	37.8	46.8	55.9	41.6	51.2	60.8	48.0	58.5	69.0
	40	36.8	45.0	53.2	40.6	49.4	58.1	47.0	56.7	66.4
	48	36.2	43.8	51.4	40.0	48.2	56.4	46.3	55.5	64.6
	No Grout	32.9	37.7	42.6	36.7	42.1	47.5	43.0	49.4	55.7

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