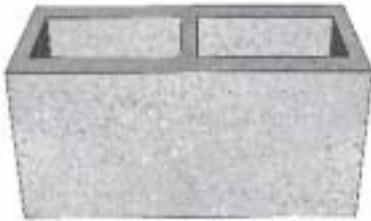


Next Generation ASTM C90 Walls Offer Higher R-Values



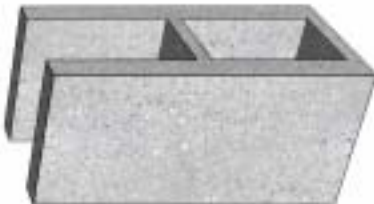
R-Values of 3-Web Block Insulated With cfiFOAM Injection Foam Products



3-Web Block

CMU Density	8" CMU	12" CMU
85	9.7	16.1
95	8.5	14.0
105	7.5	12.2
115	6.5	10.5
125	5.6	9.0
135	4.8	7.7

R-Values of 2-Web Block Insulated with cfiFOAM Injection Foam Products



2-Web A Block

CMU Density	8" CMU	12" CMU
85	12.0	20.2
95	10.7	17.9
105	9.4	15.7
115	8.3	13.7
125	7.2	11.9
135	6.3	10.3

R-Values of 1-Web Block Insulated With cfiFOAM Injection Foam Products



1-Web H Block

CMU Density	8" CMU	12" CMU
85	16.0	27.3
95	14.7	25.1
105	13.4	22.8
115	12.1	20.5
125	10.8	18.3
135	9.6	16.2



R-Values for Reinforced Walls



Hybrid Block Wall

R-Values of Hybrid CMU Wall A-Block/H-Block Grouted @ 48" O/C Insulated With cfiFOAM Injection Foam Products

CMU Density	8" CMU	12" CMU
85	8.4	12.3
95	7.8	11.6
105	7.3	10.9
115	6.7	10.2
125	6.3	9.5
135	5.8	8.8



3-Web Block Wall

R-Values of 3-Web CMU Wall Grouted @ 48" O/C Insulated With cfiFOAM Injection Foam Products

CMU Density	8" CMU	12" CMU
85	6.7	10.0
95	6.1	9.1
105	5.5	8.3
115	4.9	7.5
125	4.5	6.8
135	4.0	6.1

Web Thickness: 3/4" Face Thickness: 1 1/4" per ASTM C90-11b
Concrete R-Values are Moisture-Corrected per ACI 122R
Includes Air Film Resistances
Foam R-Value 4.6 per inch. Grout Density 105 pcf

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