

Product Information

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CORE FOAM MASONRY FOAM INSULATION RESIDENTIAL FOUNDATIONS & BASEMENT WALLS

HELPS MEET NEW CODE REQUIREMENTS FOR CONDITIONED CRAWL SPACES

R-Values for Concrete Block Walls¹

	<u>R-Values with Insulation</u>	
	No Reinforcing	Vertical Reinforcing 48" OC
8-Inch Block with Brick Veneer	10-12	7-9
8-Inch Block with No Brick	8-10	6-8
12-Inch Block	11-13	8-10

Typical Physical Properties

Thermal Conductivity per inch (K-value) ²	0.23
Thermal Resistance per inch (R-value) ²	4.4 @ 75°F
ASTM E84-01 Results: ²	
Flame Spread Index ³	25 or less
Smoke Density	Less than 450
Sample Thickness	3 1/2"
	Max thickness for test apparatus
Flammability Classification	Class A or Class 1
Formaldehyde	None Detected in Cured Foam
CFCs	None

*R-values vary with block density and reinforcing.
These whole-wall R-values are intended as guidelines and do not serve as guarantees.
For walls with vertical reinforcing, please consult the manufacturer.*



¹NCMA-TEK101 "U" - Values for Reinforced Concrete Masonry Walls," 95-100 pcf., 1978 Edition.

²Based on independent testing of Core Foam Masonry Foam Insulation.

³This numerical flame spread rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

cfiFOAM products, including Core Foam Masonry Foam Insulation, are not associated with and are a different product from the Core Fill-500™ products manufactured by Tailored Chemical Products, Inc.

CORE FOAM MASONRY FOAM INSULATION FOUNDATION WALL APPLICATION

Benefits

- ♦ *Eliminates The Need For Insulation Underneath Flooring*
- ♦ *Seals Unwanted Gaps And Holes*
- ♦ *Reduces Air Infiltration*
- ♦ *Provides High R-Values*
- ♦ *Safe, Non-Toxic And Odor Free*
- ♦ *Provides A Physical Barrier To Insects And Rodents*
- ♦ *Class I Flammability Rating*



Conditioned Crawlspace



Basement Wall

Installation

- ♦ *Can Be Installed Two Ways:*
 - ♦ *Injected Into Top of Block; No Drilling Necessary*
 - ♦ *Side-Fill Injection Through 5/8" - 7/8" Holes*
- ♦ *Can Be Completed As Soon As Block Is Layed*
- ♦ *Does Not interfere With Other Construction Schedules*
- ♦ *Does Not Damage Walls*
- ♦ *Clean, Quick Application*
- ♦ *Easy Clean Up*



Top-Fill Application



Side-Fill Application