

Masonry Fill

Manufactured From *RayLite*[®]
Brand Expanded Polystyrene

*Energy
Fitness*

THERMAL PROPERTIES

“K” FACTOR (Thermal conductivity) .26
“R” VALUE (Thermal resistance) 3.85 in.

APPLICATION

- Low Cost
- Non-Settling
- Free Flowing
- Highly Efficient Insulation
- Average Density 1 lb. per cu. ft.
- Permanently Water Repellent
- Lightweight and Easy to Install
- Will Not Decay or Support Bacterial Growth



AVERAGE COVERAGE OF 4 CU. FT. BAG

NUMBER OF BAGS FOR 100 SQ. FT. OF WALL	6" Block	8" Block	10" Block	12" Block	2½" Cavity	3" Cavity	4" Cavity
	5	8	10	13	5	6	8

—POURING INSULATION—

CONCRETE MASONRY UNIT CONSTRUCTION

	"U" Non-insulated	"U" Insulated
8" Lightweight Block	.33	.187
12" Lightweight Block	.30	.142
8" Sand and Gravel Block	.51	.309
12" Sand and Gravel Block	.47	.255

CAVITY WALL SYSTEMS

		"U" Non-insulated	"U" Insulated			
			2½"	3"	4"	
4" Exterior Wythe	Common Brick	4" Common Brick	.30	.083	.071	.056
		4" Tile	.28	.081	.070	.055
		4" Concrete Block	.31	.083	.072	.056
		4" Lightweight Block	.25	.078	.068	.054
		6" Lightweight Block	.24	.077	.067	.053
	Face Brick	4" Common Brick	.34	.085	.073	.057
		4" Face Brick	.39	.088	.075	.058
		4" Concrete Block	.35	.086	.074	.057
		4" Lightweight Block	.27	.080	.069	.055
		6" Lightweight Block	.26	.079	.069	.054
		4" Tile	.31	.083	.072	.056
	Concrete Block	4" Concrete Block	.32	.084	.072	.057
		4" Lightweight Block	.26	.079	.069	.054
		6" Lightweight Block	.25	.078	.068	.054
	Stone	4" Common Brick	.35	.086	.074	.057
		4" Tile	.32	.084	.072	.056
		4" Concrete Block	.37	.087	.075	.058
		4" Lightweight Block	.28	.081	.070	.055
6" Lightweight Block		.27	.080	.069	.055	

NOTE: Like many construction materials, EPS is combustible. It should not be exposed to flame or other ignition sources. Current model building code requirements should be met for adequate protection or separation from occupied areas.



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