

## Specifications

ITEM	DESCRIPTION
Dimensions	10.5"D x 12"H x 48"L - standard block
Cores	5½" x 5½" @ 12" on center horizontally and vertically
Surface Area	4.0 Square Feet
Concrete Volume	.29 cubic feet per square foot 1.15 cubic feet per standard block 91 square feet per cubic yard 23 blocks per cubic yard
R-Value	28 excluding drywall, stucco, air films, thermal mass
U-Factor	0.0357
EPS Density	1.5 pounds per cubic foot
Water Absorption Rate	Less than 2% by Volume
Permeability	1.25 perm-inches
Decibel Rating	55 dB with 1/2" drywall
EPS Compressive Strength (10% deformation)	21+ psi
Smoke Development	450 or less ASTM-E84
Flame Spread	25 or less ASTM-84
Rigid PVC Rebar Chairs	UL-94 fire resistant
Recommended Concrete Compressive Strength	Minimum 2500 psi at 7" maximum slump
Assembly Adhesive	Crosslinking single component polyurethane UL Class 1 (a non-hazardous material)