Masonry Cavity Wall Insulation System

Note: Apply InsulBloc Spray Polyurethane Insulation in accordance with the appropriate NCFI Polyurethanes Technical Data Sheet.

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Masonry Anchors (typical)

Steel Column

CMU

Spray-applied polyurethane foam insulation

Masonry Cavity Wall Column Joint

Dwg. # 1-03

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3-21-13
B.M.R.
Air space between Spray Foam and Interior Finish Surface

Spray foam is applied around and behind the offset framing and CMU wall to form a continuous layer

Exterior Wall (masonry, concrete, stone or other)

Interior Finish Surface

2 x 4 or 2 x 6 Studs offset from exterior wall 1/2" to 1"

InsulBloc Spray Foam (thickness to desired R-value)
Note: Apply InsuBloc Spray Polyurethane Insulation in accordance with the appropriate NCFI Polyurethanes Technical Data Sheet.
Spray foam is applied around and behind the offset framing and the exterior sheathing to form a continuous layer.

Exterior Sheathing (Typical)

Interior Finish Surface

2 x 4 or 2 x 6 Studs offset from exterior wall \( \frac{3}{4}'' \) to 1''

InsulBloc Spray Foam

Exterior Sheathing with Metal Studs (Typical)
CMU Wall Interior Corner

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3-11-13
B.M.R.
Stud Wall Thickness by R-value

*Spray Foam thickness determined by design R-value

Wall Application

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Dwg. # 1-20

12-4-13
B.M.R.
Stud Wall with Supplemental Insulation

InsulBloc Spray Foam applied at minimum ½ inch thickness (check climate zone requirements)

Exterior Sheathing

Stud wall cavity filled with conventional insulation

Interior Partition

Interior Gypsum Wallboard

Stud