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Two-story Wood-framed Construction, Option A

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.

CONDITIONED SPACE

Rigid backing to support insulation

Wind baffle may be required to obtain full insulation depth

NON-CONDITIONED SPACE

Caulk

Caulk

Caulk

Caulk

Caulk

Caulk

Caulk

Caulk

Caulk

Caulk

Caulk

Caulk
Two-story Wood-framed Construction, Option B

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.

Note:
Concrete must cure at least 28 days prior to spray foam application. Concrete must be free of oil/release agents prior to application of spray foam insulation. Surface may require priming.

Spray foam insulation optional at grade
Wall Section: Non-conditioned Basement

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
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Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
Wall Section: Cantilevered Floor, Option B

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.

Provide rigid backing to support insulation

Caulk

CONDITIONED SPACE

EXTERIOR
Over 120 Winroc locations in North America.

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Caulk

CONDITIONED SPACE

CONDITIONED BASEMENT

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2” (50mm) required when installed as a vapor retarder.

Note:
Concrete must cure at least 28 days prior to spray foam application. Concrete must be free of oil/release agents prior to application of spray foam insulation. Surface may require priming.

Spray foam insulation optional at grade
Wall Section: Garage with Conditioned Space Above and Adjoining

Note:
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Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
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Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.

Note:
Concrete must cure at least 28 days prior to spray foam application. Concrete must be free of oil/release agents prior to application of spray foam insulation. Surface may require priming.

Spray foam insulation optional at grade
Note: Closed-cell spray foam insulation thickness to meet local code requirements. Minimum thickness of 2" (50mm) required when installed as a vapor retarder.

Note: Concrete must cure at least 28 days prior to spray foam application. Concrete must be free of oil/release agents prior to application of spray foam insulation. Surface may require priming.

Spray foam insulation optional at grade
Wall Section: Garage Wall Connection

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
Wall Section: Window Unit

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
Wall Section: Typical Wood-framed Wall with Masonry Veneer

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
Wall Section: Unheated Attic with Mechanical Chase

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.

SEMI-CONDITIONED SPACE

CONDITIONED SPACE

Duct work chase

Seal all electrical and plumbing penetrations through top and bottom plates.

Fire stop around duct

Caulk

Rigid backing to support insulation.

EXTERIOR

RD1.15
June 4, 2013
Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
Wall Section: Flat Roof with Deck

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
Wall Section: Pole-framed Structure

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2” (50mm) required when installed as a vapor retarder.

- Wind baffle may be required to obtain full insulation depth.
- Caulk
- Spray foam insulation optional at grade
Wall Section: Sealed Crawl Space with Termite Inspection Area

Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.
Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2" (50mm) required when installed as a vapor retarder.

Spray foam insulation optional at grade

Approx. 48"
Note:
Closed-cell spray foam insulation thickness to meet local code requirements.
Minimum thickness of 2\" (50mm) required when installed as a vapor retarder.
Spray foam insulation at minimum depth of 3½”. For maximum sound attenuation wall cavity should be filled with spray foam insulation.

2"x4" framing at 24" O.C.

⁵⁄₈" gypsum board

acoustic caulk