SYSTEM BENEFITS:

› Primary air barrier placed on the exterior of the building envelope

› Delivers air tightness levels of 1.5 ACH at the framing stage and less than 1.0 ACH at the pre-delivery stage

› Insulates the exterior of the building envelope, which prevents thermal bridging from occurring and increases effective R-value of the wall assembly

› Helps keep the wall cavity warm which significantly reduces the risk of condensation

› Foamular® CodeBord® is an effective weather barrier, no need for house wraps

The Ultimate PINK® Thermal Wall
<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOAMULAR® CodeBord®</td>
<td>Extruded Polystyrene Rigid Insulation (4' x 8' or 4' x 9') with shiplap edges</td>
</tr>
<tr>
<td>EcoTouch® PINK®</td>
<td>Fiberglas® Thermal Batt Insulation (R-12, R-14, R-19/20, R-22, or R-24)</td>
</tr>
<tr>
<td>FoamSealR™ Polyethylene Gaskets</td>
<td>(3-1/2&quot; or 5-1/2&quot;)</td>
</tr>
<tr>
<td>JointSealR™ Foam Joint Tape</td>
<td>(3.5&quot; x 90') and FlashSealR™ Foam Flashing Tape (4&quot;, 6&quot; or 9&quot; x 75')</td>
</tr>
<tr>
<td>Caulking Sealant</td>
<td></td>
</tr>
<tr>
<td>Polyethylene Vapour Barrier</td>
<td>(air barrier for ceiling application)</td>
</tr>
<tr>
<td>Nails with Plastic or Metal Washers</td>
<td></td>
</tr>
</tbody>
</table>
Owens Corning FOAMULAR® CodeBord® Air Barrier System is another innovative solution providing long term energy efficiency performance and comfort for homeowners.

1-800-GET-PINK® or visit owenscorning.ca
**TYPICAL WALL - BRICK / SIDING**

- **CEILING JOISTS OR ROOF TRUSSES**
  - PROPINK® BLOWN FIBERGLAS® INSULATION:
    - R50 or 60 or 70 [RSl 8.80 or 10.50 or 12.5]
  - 6 MIL. POLY AIR/VAPOUR BARRIER (SHOWN DASHED)
  - 1/2" or 5/8" [13 or 16mm] GYPSUM BOARD

- **VINYL SIDING WITH VERTICAL STRAPPING**
  - 1" to 4" [25 to 102mm] FOAMULAR® CODEBORD® XPS SHEATHING: R5 [RSl 0.88] PER INCH

- 2x8 [38x140mm] WOOD STUD WALL
  - at 16" [400mm] or 24" [600mm] O.C.
  - ECOTOUCH® PINK™ FIBERGLAS® THERMAL BATT INSULATION:
    - R19 or R22 or R24 [RSl 3.34 or 3.87 or 4.23]
  - 1/2" or 5/8" [13 or 16mm] GYPSUM BOARD

- **MASONRY VENEER OF HOLLOW UNITS RESTING ON BEARING SUPPORT SHALL NOT PROJECT MORE THAN 1 3/16" [30mm] BEYOND THE SUPPORTING BASE WHERE THE VENEER IS NOT LESS THAN 3 9/16" [90mm] THICK AND 1/2" [12mm] WHEN VENEER IS LESS THAN 3 9/16" [90mm] THICK, N.B.C. 9.20.8.5.(1)

- **MASONRY VENEER OF SOLID UNITS RESTING ON BEARING SUPPORT SHALL NOT PROJECT MORE THAN 1/3 OF THE WIDTH OF THE VENEER, N.B.C. 9.20.8.5.(2)

- **SILL PLATES SHALL BE NOT LESS THAN 2x4 [38x89mm], N.B.C. 9.23.7.1.(1)


- **CONCRETE FLOOR SLAB: MIN. 3" [75mm], N.B.C. 9.16.4.3.
  - 1" to 4" [25 to 102mm] FOAMULAR® CODEBORD® XPS WITH TAPED JOINTS: R5 [RSl 0.88] PER INCH
  - GRANULAR BASE: MIN. 4" [100mm], N.B.C. 9.16.2.1.
**DETAIL 1 (Exterior Wall to Ceiling Connection)**

- **RAFT-R-MATE® ATTIC RAFTER VENTS**
- **TRUDEFINITION™ DURATION® SHINGLES** with **SURE NAIL® TECHNOLOGY**
- **REQUIRED EAVE PROTECTION:** MIN. 2'-11" (900mm) FROM EDGE OF ROOF, N.B.C. 9.26.5.1.[1]
- **SEAL O.S.B. SHEATHING TO TOP PLATE WITH ACOUSTICAL CAULKING**
- **WEATHERLOCK® G SELF-SEALING ICE AND WATER BARRIER**

**FOAMSEAL™ GASKET** (SHOWN DARK PINK)

- **6 MIL POLY AIR/VAPOUR BARRIER AT CEILING**
- **SEALED TO TOP PLATE WITH ACOUSTICAL CAULKING**
- **VINYL SIDING WITH VERTICAL STRAPPING INSTALLED OVER FOAMULAR® CODEBORD® XPS**
- **INSTALLED OVER REGULAR OR FIRE-RATED O.S.B. SHEATHING**

---

**DETAIL 2 (Window 1a)**

- **METAL FLASHING TAPE TO FOAMULAR® CODEBORD® XPS SHEATHING WITH FLASHSEAL™ FOAM FLASHING TAPE (SHOWN ORANGE), AS REQUIRED: N.B.C. 9.27.3.7. & 8.**

**FROM EXTERIOR, SEAL TOP AND VERTICAL WINDOW PERIMETER WITH CAULKING PLUS BACKING ROD OR FOAM SEALANT**

**FROM INTERIOR, SEAL ENTIRE WINDOW PERIMETER WITH CAULKING PLUS BACKING ROD OR FOAM SEALANT**

**ALWAYS INSTALL SILL FLASHING AT BOTTOM PLUS 8" UP EACH VERTICAL SIDE OF WINDOW OPENING: USE FLASHSEAL™ FOAM FLASHING TAPE (SHOWN ORANGE)**

**GAP IS REQUIRED AT BOTTOM BETWEEN SILL AND WINDOW FOR WATER DRAINAGE**

- **FOAMSEAL™ GASKET** (SHOWN DARK PINK)

---

**DETAIL 4 (Vinyl to Brick Connection)**

- **JOINTSEAL™ FOAM JOINT TAPE** (SHOWN ORANGE)**

**BUILDER OPTION:**

- **REPLACE HORIZONTAL AND HEADER FOAMULAR® CODEBORD® XPS WITH HOUSE WRAP AND TAPE TO VERTICAL FOAMULAR® CODEBORD® 1st AND 2nd FLOOR WITH JOINTSEAL™ FOAM JOINT TAPE**

**METAL FLASHING TAPE TO FOAMULAR® CODEBORD® XPS SHEATHING WITH FLASHSEAL™ FOAM FLASHING TAPE (SHOWN ORANGE), AS REQUIRED: N.B.C. 9.27.3.7. & 8.**

- **JOINTSEAL™ FOAM JOINT TAPE** (SHOWN ORANGE)**

- **FOAMULAR® CODEBORD® XPS SHEATHING PLUS REGULAR OR FIRE-RATED O.S.B. SHEATHING INSTALLED TO UNDERSIDE OF UPPER FLOOR OVERHANG**

- **JOINTSEAL™ FOAM JOINT TAPE** (SHOWN ORANGE)**
### DETAIL 5 (Header 9" Foundation)

- **JOINTSEAL® FOAM JOINT TAPE (SHOWN ORANGE)**
- **FLASHING BEHIND BRICK VENEER (SHOWN DASHED) SEAL TO FOAMULAR® CODEBORD® XPS SHEATHING WITH JOINTSEAL® FOAM JOINT TAPE (SHOWN ORANGE)**
- **FOAMSEAL® GASKET (SHOWN DARK PINK)**
- **SEAL O.S.B. SHEATHING TO SILL PLATE WITH ACOUSTICAL CAULKING**
- **FOAMSEAL® GASKET (SHOWN DARK PINK) BELOW SILL PLATE**
- **9" THICK FOUNDATION WALL (MINIMUM)**
- **SEAL LARGE GAPS BETWEEN SILL PLATE AND TOP OF FOUNDATION WALL WITH CAULKING OR FOAM SEALANT**
The Ultimate PINK® Thermal Wall System Benefits:

- **Primary air barrier placed on the exterior of the building envelope**
- Delivers air tightness levels of 1.5 ACH at the framing stage and less than 1.0 ACH at the pre-delivery stage
- Insulates the exterior of the building envelope, which prevents thermal bridging from occurring and increases effective R-value of the wall assembly
- Helps keep the wall cavity warm which significantly reduces the risk of condensation
- Foamular® CodeBord® is an effective weather barrier, no need for house wraps

**DISCLAIMER**

The procedures presented in this manual are intended as a guideline only, to provide a basic understanding of the concepts involved in the proper and effective installation of the Owens Corning CodeBord® Air Barrier System. It remains the responsibility of the air barrier system installer and/or builder to ensure that all work performed conforms to applicable building code and labour safety regulations governing the construction. While care has been taken to ensure accuracy, and convey proper construction practices, Owens Corning is not making, and specifically disclaims, any recommendations, warranties or guarantees, and further expressly disclaims any and all responsibility for consequential loss, errors or oversights resulting from the information contained herein. Our liability is expressly limited to replacement of defective Owens Corning™ goods. Any claim shall be deemed waived unless made to us in writing within thirty (30) days from the date when the basis for it was, or reasonably should have been, discovered.