WEATHER RESISTIVE BARRIERS
CONSTRUCTION MANUAL

Note: Information deemed reliable at time of printing.
Please visit www.foam-control.com for the latest information.
WEATHER RESISTIVE BARRIER
CONSTRUCTION MANUAL

When you choose Foam-Control CLIMATE, you’re collaborating with a team of experts who work with you every step of the way. We’re here to answer your questions, solve your problems, and do everything we can to make sure your project proceeds smoothly—and ends successfully.

Foam-Control CLIMATE products are manufactured by a network of licensed manufacturers throughout North America and the world. Foam-Control CLIMATE, licensed facilities adhere to strict, consistent standards to ensure high-quality.

This network allows us to offer architects, designers and builders the best of both worlds: the resources of the country’s largest provider of Foam-Control products and systems, and the superior attention and customer service of a local supplier.

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General Recommendations

Foam-Control CLIMATE Sizes

Foam-Control CLIMATE is made in fanfold and board configurations in a variety of sizes. Boards are most commonly 4’ x 8’. Consult the local Foam-Control CLIMATE Manufacturer for sizes, thicknesses, and fabrication services available in your area.

Environmentally Safe

The core material for Foam-Control CLIMATE, Foam-Control EPS, contains no CFCs, HCFCs, HFCs or formaldehyde and is recyclable. Foam-Control EPS is inert, non-nutritive and highly stable. Your Foam-Control CLIMATE Manufacturer encourages you to support recycling and energy conservation.

Warranty

Foam-Control CLIMATE Manufacturers provide a 20-year warranty covering thermal performance. Contact the local Foam-Control CLIMATE manufacturer for details regarding the warranty program.

Handling - Storage - Protection

Foam-Control CLIMATE should be stored in a fully supported manner and protected from weather. Cover stored Foam-Control CLIMATE with tarps or similar protective wraps. After installing Foam-Control CLIMATE, apply wall cladding when immediately practical.

Expanded Polystyrene (EPS) contains a flame retardant additive. However, the EPS should be considered combustible and used with code approved thermal barriers and should not be stored near any open flame or source of ignition. Do not install or use EPS with coal-tar pitch or highly solvent extended mastics, adhesives or sealants. Consult the local Foam-Control CLIMATE Manufacturer for suggested adhesives, sealants, and assembly specifications not otherwise detailed in this manual.
General Recommendations - cont’d

**Joints, Penetrations, Fasteners**

At Foam-Control CLIMATE board joints and fastener heads, apply Foam-Control CLIMATE Tape.

Install termination fixtures as required.

Install flashing for penetrations as required.

**Special Treatments**

Foam plastic insulations have been shown to become termite infested under certain exposure conditions. Foam-Control CLIMATE with Perform Guard® is available and provides resistance to termite infestation. Please contact your Foam-Control supplier for availability and complete information.

[Perform Guard® Termite Resistant]

**Disclaimer**

Details, illustrations, pictures and guidelines provided herein give basic information and illustrate examples of Foam-Control CLIMATE installation. The basic information provided herein is not intended to cover every potential use and application of Foam-Control CLIMATE. It is the responsibility of the installer to become familiar with his specific application and determine if Foam-Control CLIMATE is suitable. By commencing work, the installer accepts full responsibility for the proper and safe installation of Foam-Control CLIMATE at his job site. Adding an insulation component may change the behavior of a wall assembly with regard to air movement, water vapor transmittance, bulk water management and heating, cooling and ventilation systems. It is the responsibility of the owner or the owner’s representative to design the insulated wall assembly to perform in a manner ensuring function and durability. Furthermore, it is the sole responsibility of the installer to meet all federal and local regulatory requirements for job site safety for himself, his workers and any others on the job site while in the execution of all phases of Foam-Control CLIMATE installation.
FRAMING

FOAM-CONTROL CLIMATE INSTALLED VERTICALLY WITH JOINTS OVER FRAMING

1" WIDE CROWN STAPLES 6" O.C.

SILL PLATE

FOUNDATION

CORROSION RESISTANT WEEP SCREED WITH 3-1/2" MIN. FLANGE

Foam-Control Climate
Vertical Application: Fastening

WRB-101.1
Foam-Control Climate
Vertical Application: Taping of Joints

FRAMING

FOAM-CONTROL CLIMATE INSTALLED VERTICALLY WITH JOINTS OVER FRAMING

FOAM-CONTROL CLIMATE TAPE OVER JOINTS & FASTENER HEADS

FOUNDATION

FOAM-CONTROL CLIMATE TAPE OVER CORNER

WALL COVERING

CORROSION RESISTANT WEEP SCREED WITH 3 1/2" MIN. FLANGE

REV. | DATE:
--- | ---
1 | 07/13
Foam-Control Climate
Horizontal Application: Fastening

FRAMING

FOAM-CONTROL
CLIMATE INSTALLED
HORIZONTALLY WITH
JOINTS OVER FRAMING

1" WIDE CROWN
STAPLES 6" O.C.

SILL PLATE

FOUNDATION

CORROSION RESISTANT WEEP
SCREED WITH 3-1/2" MIN.
FLANGE
Foam-Control Climate
Horizontal Application: Taping of Joints
Foam-Control Climate
Termination at Soffit

FRAMING
WALL COVERING
1" WIDE CROWN STAPLE, 1" MIN PENTRATION
FOAM—CONTROL CLIMATE
J TRACK
SEALANT
Foam-Control Climate
Window Head

FRAMING
FOAM-CONTROL CLIMATE
WALL COVERING
1" WIDE CROWN STAPLE, 1" MIN PENTRATION
FLASHING TAPE
SEALANT
HEAD FLASHING
WINDOW WITH INTEGRAL FLASHING

REV: 1
DATE: 07/13

WRB-103.3
Foam-Control Climate
Door Jamb

WRB-104.2
Foam-Control Climate
T&G Joint

REV. | DATE
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THICKNESS VARIES

R=3/16

1/4"

1/2"

3/8" 3/8"

FOAM-CONTROL CLIMATE
CONTROL, NOT COMPROMISE.®

CONTROL YOUR:
- MATERIALS
- R-VALUES
- PROCESS
- COSTS
- TIMELINE
- LIABILITY

DON’T COMPROMISE YOUR:
- DESIGN
- ENERGY EFFICIENCY
- STRUCTURAL INTEGRITY
- PROFITABILITY
- QUALITY
- REPUTATION

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