AquaFlash® and Backstop® NT

The optimal substrate protection for use under most claddings

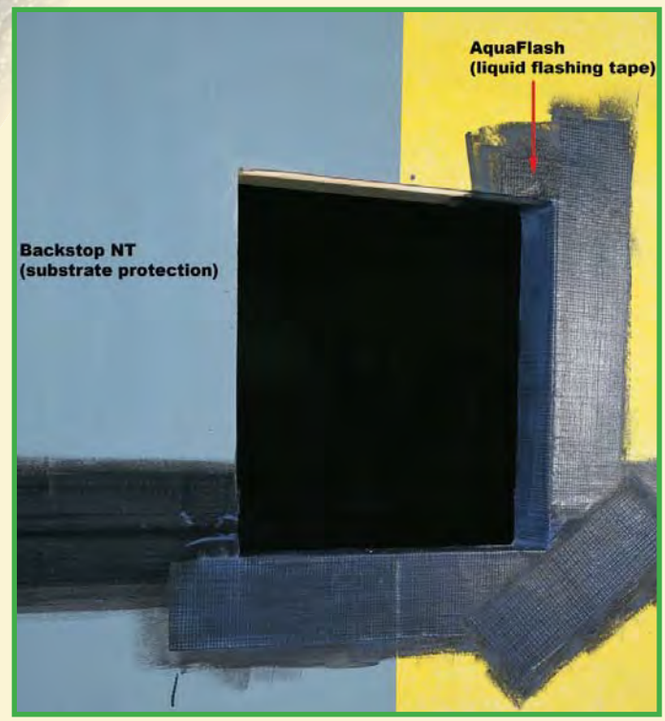
Moisture is the enemy in all types of construction. When specifying products designed to protect the building substrate from unwanted moisture there are numerous choices available. When it comes to protecting substrates, you'll get the best results by fighting moisture with ... moisture.

Here's How:

Because both Backstop NT and AquaFlash provide a seamless protective barrier over both substrates and openings in the substrate, they offer the highest level of protection possible. There are no breaks in the barrier to permit moisture to reach the sheathing.

Both products are highly flexible and polymer-based. AquaFlash can be roller or brush-applied. Backstop NT can be applied by roller, brush or sprayed. No staples or nail holes that can lead to performance failures by providing openings for moisture to contact the substrate or wall cavity.

AquaFlash Liquid Flashing is an extremely flexible, water-based polymer material used in conjunction with AquaFlash Mesh to seal substrates around windows, doors and other openings. It provides a reinforced seamless barrier around openings in the wall to protect the most vulnerable aspect of the wall assembly.



A typical window application with AquaFlash wrapping the opening and Backstop NT protecting the substrate.

Proven Performance In Rigorous Testing Environments!

Backstop NT and AquaFlash have been rigorously tested and offer superior substrate protection. See the back of this sheet to review the testing criteria passed.

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AquaFlash® and Backstop® NT

Feature-rich solution designed to work in concert to protect the substrate

Backstop NT and AquaFlash, working together, offer features and benefits you simply cannot receive when using common sheet barrier products. See the chart below:

Feature	Benefit
Liquid Applied - No laps	Easy to sequence with opening prep Fewer coordination issues
Water based	**User and environmentally friendly**
Adheres tenaciously to all common substrates	Need only one material - does not need a primer
Dryvit adhesives will bond to it	**No mechanical fasteners needed No penetrations of weather resistive barrier**
Conforms to wall geometry	No difficult splicing details Bridges 1/4" gaps
SBR-based	**Superior water resistance and low temperature flexibility**

Testing Criteria Passed

Backstop NT

Passes ICC ES AC212 "Acceptance Criteria For Water-Resistive Barriers Over Exterior Sheathings," including:

- WVT – Vapor Permeable – 7 perms
- Flexibility – Passes mandrel test
- Tensile Strength – 160 PSI
- Tensile Bond
- Elongation – 17%
- Wind Driven Rain – No water penetration
- Moisture Resistance
- Retrained Environmental
  - Structural, Racking, Heat Aging
  - Water Penetration after aging

AquaFlash

Passes ICC ES AC148 "Acceptance Criteria for Flashing Materials," including:

- Nail Sealability – ASTM D1970 – No water penetration
- Pliability – Passes 1/8" mandrel at 32 ºF
- Water Resistance – No leakage after accelerated aging
  - 25 cycles
  - -40 ºF – 120 ºF
- Adhesion to all substrates

For more information and complete testing reports, call 1-800-556-7752 or visit us on the web at www.dryvit.com.

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