



Hurricane no match for DuPont building products

House under construction stays dry inside in spite of severe weather conditions

Summary

DuPont Performance Building Solutions products are a home build staple for award-winning Canadian builder, Maisons Levesque. Trusted and proven, these products perform in providing air, water and thermal protection year after year. This proved ever important in 2019 when the Maisons Levesque had a custom build in progress in coastal, Shediac, New Brunswick, Canada, when Hurricane Dorian struck. The result to the build could've been catastrophic, thanks to DuPont products and their proper installation, impact was minimal.



Delivered superior protection against Hurricane Dorian.



Protection against water penetration and water damage.



DuPont materials chosen by an award-winning construction company.

“We were all surprised and extremely pleased with the performance of the DuPont building envelope products under these extreme weather conditions,” said Joël Levesque, president of Maisons Levesque.

In the late summer of 2019, the Leblanc family was looking forward to moving into their new custom-built home in Shediac, New Brunswick, Canada, before the end of the year. Their dream home was being built by Maisons Levesque, an award-winning general contractor known for its excellent quality, strong attention to detail and exceptional service.

Everything was going along according to schedule; the windows and building envelope were in place and the siding would soon be installed. But then Hurricane Dorian, the strongest hurricane to hit the northwestern Bahamas in modern records, came roaring up the eastern coast of North America, with Atlantic Canada in its sights.

When it reached Canada, Dorian was a post-tropical cyclone with gusts up to 62 MPH and rainfall accumulations of up to 6 inches. Shediac, the location of the Leblanc family's new house, experienced a storm surge 6.5 feet above normal tide levels—the highest storm surge recorded in Canada during this weather event.

DuPont building envelope products made the difference

When it was safe to visit the construction site to inspect for storm damage, there was a collective sigh of relief. Despite the widespread damage in Shediac and the surrounding area, the Leblanc family's house stood up to the punishing wind and rain without suffering any water intrusion—even though the siding had not yet been installed. The architect, general contractor and owner were all very impressed.

The DuPont building envelope products had delivered the superior protection required to save the Leblanc's dream home from suffering any water damage during this massive storm that had left so much destruction in its path.

Superior products deliver proven protection—even under extreme conditions

Maisons Levesque, which has the unique distinction of receiving the Atlantic Home Warranty's prestigious “Customer Choice Award New Brunswick” multiple times, has a long-standing reputation for using only the highest quality materials and products when building its custom homes. DuPont building envelope products can be found on every new home they are building.

For the Leblanc home, Maisons Levesque chose to use the following DuPont building envelope products from the broad portfolio of proven solutions:

DuPont™ Styrofoam™ Brand Cladmate™ CM20 Extruded Polystyrene (XPS) Foam Insulation

This closed cell insulation specifically designed to resist moisture is ideal for applications above and below grade, under slabs and for exterior applications.

DuPont™ Tyvek® HomeWrap®

The world's leading house wrap offers an optimal combination of properties to deliver the best balance of weather protection, moisture management, air hold-out and durability behind residential facades.

DuPont™ FlexWrap™

This self-adhered, flexible flashing is ideal for flashing window and door sills, arched-top or custom-shaped windows and larger penetrations to help seal out water and air.

DuPont™ Flashing Tape

This 100% butyl-backed, self-adhesive flashing tape helps create a protective envelope around heads and jams of rectangular windows and doors.

DuPont™ StraightFlash™

This premium, durable, 100% butyl-backed, self-adhered flashing material for straight jambs and heads of rectangular windows and doors helps prevent water damage from wind-driven rain and helps stop air penetration.

DuPont™ VersaFlange™ Flashing (formerly StraightFlash™ VF)

This innovative, dual-sided, 100% butyl-backed, self-adhered flashing for brick mold and non-flanged windows and doors helps prevent water damage and air penetration.

DuPont™ FlexWrap™ EZ

This easy-to-apply, self-adhered, flexible flashing is ideal for sealing smaller exterior electrical, heating, ventilation and air conditioning (HVAC) and plumbing penetrations.

DuPont™ Tyvek® Tape

This durable, easy-to-use, highly waterproof tape is specifically engineered to seal out air and moisture, improving insulation.

In addition to their own first-hand experience with the proven performance of these and other DuPont building envelope products, Maisons Levesque highly values the warranties provided for these products, as well as having access to a network of DuPont Residential Specialists who can provide on-site guidance, training and expertise.

"We love the DuPont building envelope products and I would recommend that other general contractors use them for their projects," said Levesque.

For more information

To learn more about DuPont building envelope products, visit www.dupont.com/building

To learn more about Maisons Levesque, visit www.maisonslevesque.com



DuPont Performance Building Solutions
www.dupont.com/building

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