

# DuPont™ Tyvek® FlexWrap™ NF

## BUILDING SCIENCE BULLETIN



DuPont™ Tyvek® FlexWrap™ NF addresses the issues of flashing vulnerable bottom corners of the sill where water damage is most likely to occur.

**An integral component of DuPont™ Building Envelope Solutions, DuPont™ FlexWrap™ NF is a conformable, self-adhesive flashing solution for sills and non-straight portions of windows, doors and other wall penetrations.**

DuPont™ Tyvek® FlexWrap™ NF is a premium performance, extendable self-adhered flashing material that can be applied over a wide range of building substances, including non-nailable sheathing materials like PS foam board, fiberboard, concrete masonry unit (CMU) and other such materials. Unlike competitive products, DuPont™ Tyvek® FlexWrap™ NF does not require the use of mechanical fasteners in the flexed corner areas.

DuPont™ Tyvek® FlexWrap™ NF also flashes round-top or custom-shaped windows in a seamless manner, eliminating the need to cut and place individual pieces of conventional flashing on an arched opening.

### BENEFITS

#### Superior protection from water damage

- Helps seal the building envelope when used with DuPont™ Building Envelope Solutions products
- Meets the AAMA 711-13 material standard at the highest classification level: Class A (no primer) and Level 3 Thermal Exposure (80°C / 176°F for 7 days)
- Meets and Exceeds ASTM E331 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference: no leakage at 300 Pa (equivalent to 50 mph windload), even after thermal aging (0-120°F)
- Does not contain asphaltic / bitumen adhesive materials which many window manufacturers prohibit due to adverse material reactions, such as black staining, oozing, and deformation over time, particularly with vinyl flanges
- Can be installed at external temperatures as low as **-4°C (25°F)** as long as the surface is clean and free from frost and ice

#### Easy installation

- Packaged in ready-to-use 152mm x 22.9m and 228mm x 22.9m rolls
- Helps to facilitate the creation of airtight and water tight seals around windows, doors sills, chimney breasts, pipe penetrations and any custom shapes

#### Superior durability

- Extendable flashing constructed with a durable, microcreped DuPont™ Tyvek® top-sheet, a premium butyl adhesive layer and a specially designed release liner
- Designed to withstand up to **270 days of UV exposure**

#### Excellent adhesion performance

- 100% butyl adhesive performs through extreme temperatures
- Adheres to most common building materials

For more information about DuPont™ Tyvek® Building Envelope Solutions, please visit us at [pinkbatts.co.nz/dupont](http://pinkbatts.co.nz/dupont)



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