

DuPont™ Tyvek® FlexWrap™ NF

BUILDING SCIENCE BULLETIN



DuPont™ 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 Systems, DuPont™ FlexWrap™ NF is a conformable, self-adhesive flashing solution for sills and non-straight portions of windows, doors and other wall penetrations.

DuPont™ 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™ FlexWrap™ NF does not require the use of mechanical fasteners in the flexed corner areas.

DuPont™ 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.

Disclaimer

All technical information set out herein is provided free of charge and is based on technical data which DuPont believes to be reliable. It is intended for use by persons having skill, at their own discretion and risk. The handling precaution information contained herein is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use are outside of our control we make no warranties express or implied in relation thereto and therefore cannot accept any liability in connection with any use of this information. Nothing herein is to be taken as a licence to operate under, or a recommendation to infringe any patents.

DuPont Protection Solutions

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BENEFITS

Superior protection from water damage

- Helps seal the building envelope when used with DuPont Building Envelope Systems 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 228 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 Systems, please visit us at www.Construction.Tyvek.com

