

DUPONT ACCESSORIES: Create airtight, windtight and watertight seals



Tyvek® Acrylic Tape

- Single-sided tape for sealing overlaps and making good around penetrations, pipes and windows. Recommended for most DuPont™ Tyvek® breather membranes and DuPont™ AirGuard™ air & vapour control layers (AVCL's).
- Made of Tyvek® and modified acrylic adhesive for a durable bond.

Colour:	white
Roll size:	75 mm x 25 m
Rolls per box:	6



Tyvek® Metallized Tape

- Single-sided reflective tape for sealing laps of Tyvek® Enercor® Roof, Tyvek® Reflex and DuPont™ AirGuard® Reflective.
- Ideal for making good around penetrations, pipework, windows and doors.
- Made of metallised Tyvek® and modified acrylic adhesive.
- Provides a durable bond.

Colour:	silver
Roll size:	75 mm x 25 m
Rolls per box:	8



Tyvek® Double Sided Tape

- Double-sided acrylic tape ideal for sealing overlaps and bonding Tyvek® membranes to smooth surfaces.
- Excellent adhesion properties under extreme humidity conditions.
- Strong initial tack.
- Recommended for Tyvek® UV Facade, but suitable for all Tyvek® membranes and DuPont™ AirGuard® AVCL products.

Colour:	transparent
Roll size:	50 mm x 25 m
Rolls per box:	10



Tyvek® UV Facade Tape

- High UV resistance.
- Durable, non-contrasting seals.
- Excellent ageing and outdoor performance.
- Excellent bonding properties.
- High resistance to water, humidity, environmental cycling and chemicals.

Colour:	black
Roll size:	75 mm x 25 m
Rolls per box:	8



Tyvek® Butyl Tape

- Double-sided butyl based sealant, used to form a moisture and airtight seal between a Tyvek® membrane or a DuPont™ AirGuard® AVCL and most commonly used building materials.
- The tape is compatible with brickwork, blockwork, masonry, timber, metalwork and most plastic products.
- Tyvek® Butyl Tape is most effective when used under compression, e.g. under a timber batten and is recommended for use at perimeters, chimneys, abutments and for sealing nail penetrations and around electrical sockets.

Colour:	black
Roll size:	20 mm x 30 m / 50 mm x 30 m
Rolls per box:	8 (20 mm x 30 m) / 4 (50 mm x 30 m)



DuPont™ FlexWrap NF

- High performance flexible self adhesive flashing tape.
- Considerably facilitates the creation of airtight and water tight seals around windows, doors, chimney breasts, pipe penetrations and any custom shapes.
- Designed to ensure continuity, compatibility and integrity with all Tyvek® breather membranes and DuPont™ AirGuard® AVCL.

Colour:	black / white
Roll size:	150 mm x 22.9 m
Rolls per box:	1

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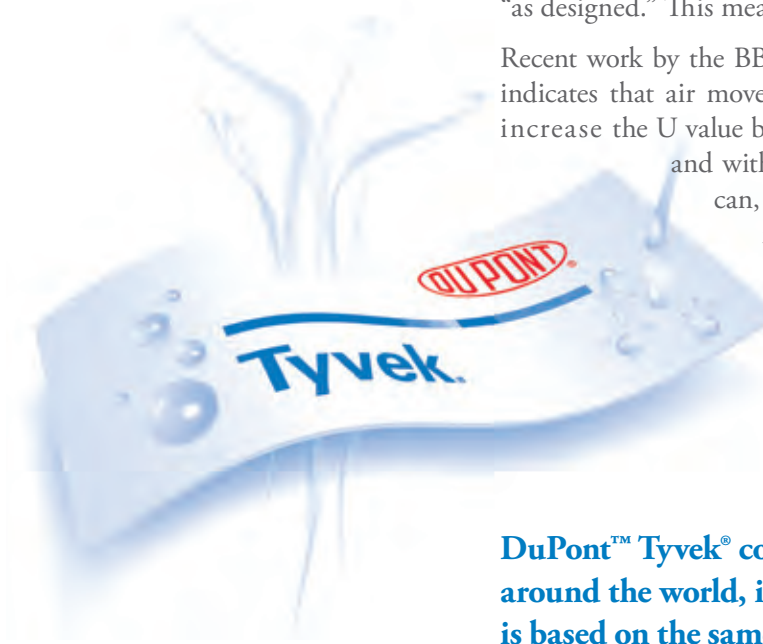
FABRIC FIRST

How the correct choice of external membrane makes all the difference

Bridging the 'performance gap'

'Fabric First' is a regularly used statement that is often thought of as referring to an internal product function, but in practice, unless the outer secondary membrane of the envelope is also wind-tight, buildings do not perform thermally "as designed." This means there can be a 'performance gap'.

Recent work by the BBA (Air movement and thermal performance report N°1) indicates that air movement penetrating through to the fibrous insulation can increase the U value by up to 80%. This does not have to be the case, however, and with the correct choice of materials and detailing, buildings can, and do, perform exactly as designed. Multiple international installations with Tyvek® demonstrate that a wind-tight, vapour permeable & water resistant external membrane, with all laps and penetrations sealed, will perform not only in temperate weather but also in the most severe conditions such as in Scandinavia, North America and the Arctic circle.



DuPont™ Tyvek® construction membranes and accessories are used around the world, in all types of construction and the entire range is based on the same fundamental, tried and tested properties:

- **Vapour permeability** - the ability to allow water vapour to escape to the external atmosphere before harmful condensation occurs.
- **Water resistance** - protecting the construction both in the short term during the build phase and in the long term throughout the building's life.
- **Wind-tightness** - ensuring that the installed insulation performs as calculated, with no reduction in performance due to "windwashing".
- **Durability** - proven performance in use around the world since its invention in 1955.



In addition, different grades of DuPont™ Tyvek® offer various unique features, each designed to perform in buildings with very specific requirements. As offsite fabrication becomes the construction method of choice for many sites, long term protection, of both the building and its occupants becomes ever more important. Basic protection for walls is available with Tyvek® Housewrap. Tyvek® UV Facade adds lifelong UV protection behind discontinuous outer cladding. Tyvek® Reflex brings the benefits of a fully protected, low-e surface and Tyvek® Firecurb™ Housewrap has a flame retardant coating, which reduces fire risk throughout the build process and during the building's life in, when installed for example in enclosed cavities.

FABRIC FIRST



DUPONT™ TYVEK® HOUSEWRAP BBA CERTIFICATE NR 90/2548

Protection and performance for timber structures, from construction stage through the life of the building.

DuPont™ Tyvek® Housewrap is a material used internationally in all types of construction and climate regions, including the Arctic.

Benefits include:

- High vapour permeability (SD <2cm)
- High water resistance (>1500mm-frame protection from factory to site to completion)
- Durability - proven in use for over 40 years
- Wind-tightness - used in energy efficient structures of <0.6 ACH
- BBA & IAB certified & CE approved for Building Regulation compliance
- No performance gap - functions as designed
- Full range of tapes including DuPont™ Flexwrap NF flexible seals
- Tested for 4 months UV exposure - no loss of product performance during the build process

Tyvek® Housewrap, manufactured by DuPont, enables the construction of healthy, breathable structures, with rapid protection of the internal fit out. The impressive history of Tyvek® Housewrap demonstrates long term performance, excellent airtightness, and world class, future proof, energy efficiency.



DUPONT™ TYVEK® REFLEX BBA CERTIFICATE NR 90/2548

Whole life thermal performance and protection of timber structures.

Tyvek® Reflex (BBA 90/2548) is a low-emmissivity breather membrane, manufactured by DuPont, and used in all types of timber construction.

Benefits include:

- Highly vapour permeability (SD <3cm)
- High water resistance (>2000mm-frame protection from factory to site to completion)
- Durability - proven in use for over 15 years
- Wind-tightness – used in energy efficient structures of <0.6 ACH
- BBA certified, and CE approved for building regulation compliance
- No performance gap - functions as designed
- Full range of tapes & accessories including DuPont™ Flexwrap NF flexible seals
- Tested for 4 months UV exposure with no loss of product performance during the build process

Tyvek® Reflex also incorporates a unique lacquered surface which allows no oxidation and guarantees lasting thermal properties with no reduction in performance due to rain, moisture or site conditions.



DUPONT™ TYVEK® UV FAÇADE BBA CERTIFICATE NR 90/2548

Ensuring peace of mind for structures with open jointed rainscreen cladding.

Tyvek® UV Façade, which offers all the fundamental characteristics of Tyvek® Housewrap is an advanced material with matchless UV resistance allowing for complete design freedom and confidence in the construction of ventilated facades. Tyvek® UV Façade is compatible with a wide range of cladding materials including timber, metal, masonry and DuPont™ Corian®. The membrane's unique ability to withstand exposure to aggressive UV light means that architects can now produce buildings with discontinuous outer cladding details, with joint gaps of up to 30 mm, confident in the knowledge that Tyvek® UV Façade will safeguard the long term performance of the structure.

Benefits include:

- High water resistance >3000mm - total protection from factory to site
- High vapour permeability - SD 3.5cm - guards against condensation
- Wind-tightness - insulation functions as designed with no performance gap
- Cladding gaps up to 30mm (with a 10 year guarantee)
- 50 year life expectancy
- Full range of accessories
- BBA certification for further peace of mind



DUPONT™ TYVEK® FIRECURB™ HOUSEWRAP BBA CERTIFICATE NR 90/2548

Flame retardant properties that can substantially enhance building safety.

DuPont™ Tyvek® Firecurb™ Housewrap combines all the renowned characteristics of Tyvek® with the added advantage of a unique, halogen free flame retardant coating, to prevent the propagation of fire. When tested to EN 13501-1, Tyvek® Firecurb™ Housewrap achieves a Euroclass B rating. CE and BBA certified, Tyvek® Firecurb™ Housewrap is self-extinguishing and significantly reduces the formation of droplets.

Benefits include:

- Flame retardancy - tested to EN13501-1 & achieves up to Euroclass B
- High water resistance - >1300mm - total moisture protection from factory to site
- Highly vapour permeability - SD 1.5cm - guards against condensation
- Wind-tightness - insulation performs as designed
- Full range of accessories
- BBA Certification for further peace of mind
- Tested for 4 months UV exposure with no loss of performance
- Suitable for all types of construction including Timber Frame, SIPS & cladding

