

DUPONT™ TYVEK® FIRECURB™ HOUSEWRAP

Reach a higher level of Protection



Tyvek® FireCurb™ Housewrap: a flame retardant breather membrane for buildings based on a new patented technology, enabling a Euroclass B (EN 13501-1) that potentially saves lives and could prevent costly damages.

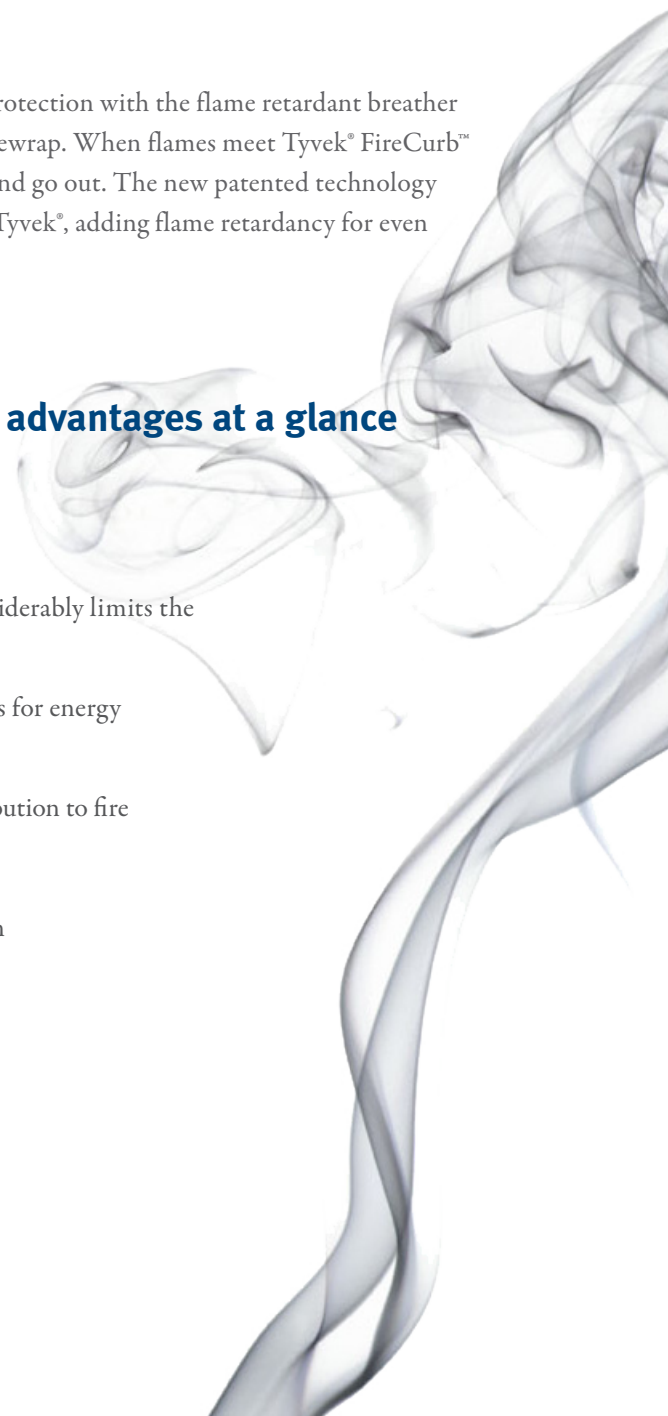


The new building breather membrane that limits the propagation of flames

DuPont introduces a new level of building protection with the flame retardant breather membrane DuPont™ Tyvek® FireCurb™ Housewrap. When flames meet Tyvek® FireCurb™ Housewrap, they literally stop, die down ... and go out. The new patented technology includes all of the well-known properties of Tyvek®, adding flame retardancy for even more comprehensive protection of walls.

Tyvek® FireCurb™ Housewrap advantages at a glance

- Self-extinguishing when ignited
- Limits propagation of flames
- Halogen-free flame retardant coating considerably limits the formation of droplets and reduces smoke
- Includes all previous Tyvek® characteristics for energy efficient and condensation free buiding
- Low flammability with very limited contribution to fire
- Long term investment protection
- Greater safety during and after installation



DUPONT™ TYVEK® FIRECURB™ HOUSEWRAP PROPERTIES

To achieve optimal airtightness we recommend the use of the following adhesive accessories which are fully compatible with Tyvek® FireCurb™ Housewrap

Tyvek® Acrylic Tape

Single-sided tape for sealing overlaps and making good around penetrations, pipes and windows. Recommended for all Tyvek® membranes. Made of Tyvek® and acrylic adhesive for durable and long lasting bonding.



Roll size:
75 mm x 25 m

Tyvek® Butyl Tape

Double sided butyl based sealant, used to form a moisture and airtight seal between a Tyvek® membrane and most commonly used building materials. The product is compatible with brickwork, blockwork, masonry, timber, metalwork and most plastic products. Tyvek® Butyl Tape is recommended for use at perimeters, chimneys abutments and for sealing nail penetrations and around electrical sockets.



Roll size:
20 mm x 30 m or
50 mm x 30 m

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 all Tyvek® membranes.



Roll size:
50 mm x 25 m

DuPont™ FlexWrap NF

A stretchable and flexible tape made up of 3 components: a crimped DuPont™ Tyvek® top sheet providing a water tight layer, the butyl mass as an adhesion layer and a paper release liner. It provides excellent watertight adhesion to all Tyvek® breather membranes around non-straight penetrations, such as dormers, door sills, chimney breasts, pipe penetrations and any custom shapes.



Roll size:
22,8 cm x 22,9 m

SPECIFICATIONS CE

Style name	2066B
Dimensions/Weight	1.5 x 50 m/5.5 kg per roll
Composition	Flash-spun-bond HDPE with flame retardant coating
Reaction to fire* (EN13501-1)	B-s1,d0
Temperature resistance	-40 to +100°C
Water vapour transmission (Sd)	0.014 m
Mass per unit area	68 g/m ²
Functional layer thickness	175 µm
CE marking	yes
CE-Certificate of Conformity	yes (0799-CPD-128)

* (if installed freehanging or on mineralwool --> B-s1,d0, if installed onto wood --> D-s2,d0)

Application:

From bungalows to high-rises, the lightweight, advanced Tyvek® product is the solution for different types of buildings. Tyvek® FireCurb™ Housewrap is typically installed onto the external side of the insulation material or integrated in the wall structure system. It can be used as a solution for ventilated façades and timber frame construction.



Ventilated façades for high rise buildings

Limitation of fire propagation between floors by external envelope



Timber frame building construction

Limitation of fire propagation during construction phase



DuPont de Nemours (Luxembourg) S.à.r.l.
Rue Général Patton, L-2984 Luxembourg
E-mail: tyvek.info@dupont.com
www.FlameRetardant.tyvek.com
www.tyvek.co.uk



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