Tyvek.

# DUPONT<sup>TM</sup> TYVEK<sup>®</sup> FIRECURB<sup>®</sup> HOUSEWRAP

**Reach a higher level of Protection** 



Tyvek<sup>®</sup> FireCurb<sup>®</sup> 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.

| -    |    | -     | A   |  |
|------|----|-------|-----|--|
| - 12 |    |       |     |  |
| (    | 14 |       |     |  |
|      | A  | ale - | - 4 |  |

# 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 Tyvek<sup>®</sup> FireCurb<sup>®</sup> Housewrap. When flames meet Tyvek<sup>®</sup> FireCurb<sup>®</sup> Housewrap, they literally stop, die down ... and go out. The new patented technology includes all of the well-known properties of Tyvek<sup>®</sup>, 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<sup>®</sup> characteristics for energy efficient and condensation free building
- Low flammability with very limited contribution to fire
- Long term investment protection
- Greater safety during and after installation

### DUPONT<sup>™</sup> TYVEK<sup>®</sup> FIRECURB<sup>®</sup> HOUSEWRAP PROPERTIES

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

#### Tyvek<sup>®</sup> Acrylic Tape

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

Roll size: 75 mm x 25 m



#### Tyvek<sup>®</sup> Butyl Tape

Double sided butyl based sealant, used to form a moisture and artight 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<sup>®</sup> 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



#### Tyvek<sup>®</sup> FlexWrap NF/EZ

Flexible high performance tapes made up of 3 components: a crimped Tyvek® top sheet providing a water tight layer, the butyl mass as an adhesion layer and a paper release liner. They provide excellent watertight adhesion to all Tyvek® breather membranes around non-straight penetrations, such as windows, doors, chimney breasts, pipe penetrations and any custom shapes.

Roll size Tyvek<sup>®</sup> FlexWrap NF: 15 cm x 23 m



Roll size Tyvek® FlexWrap EZ: 60 mm x 10 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/m²                                           |  |  |
| Functional layer thickness     | 175 μm                                            |  |  |
| CE marking                     | yes                                               |  |  |
| CE-Certificate of Conformity   | yes (0799-CPD-128)                                |  |  |

\*(if installed freehanging, on mineral wool & cementitious boarding-> B-s1,d0 , if installed onto wood -> D-s2,d2)

#### **Application:**

From bungalows to high-rises, the lightweight, advanced Tyvek<sup>®</sup> product is the solution for different types of buildings. Tyvek<sup>®</sup> FireCurb<sup>®</sup> 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.àr.l. Rue Général Patton L-2984 Luxembourg

www.FlameRetardant.tyvek.com www.construction.tyvek.co.uk





Copyright © 2017 DuPont. All rights reserved. The DuPont Oval Logo, DuPont<sup>M</sup>, Tyvek<sup>\*</sup>, For Greater Good<sup>M</sup> and all products denoted with<sup>\*</sup> or <sup>M</sup> are registered trademarks or trademarks of E. I. du Pont de Nemours and Company or its affiliates. 11/2017