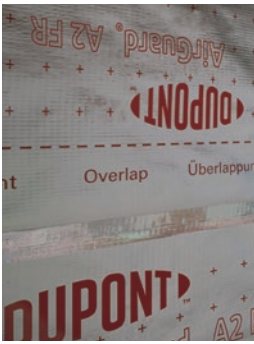
DUPONT™

Tyvek®

Product Portfolio



















Contents

Installing one of the DuPont™ AirGuard® AVCL generics will keep your insulation and wall structure dry and will help to reduce energy consumption. DuPont™ Tyvek® breather membranes offer protection during construction and over the life of the building. With DuPont™ Tyvek® and DuPont™ AirGuard® accessories you can choose the right products to complement and enhance DuPont™ Tyvek® building envelope solutions. The adhesive tapes and accessories are specially designed for use with DuPont membranes to help avoid uncontrolled air leakage.

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Application table DuPont

	BREATHER MEMBRANES					
Applications	Tyvek® Trifecta™ A2 breather membrane	Tyvek® Supro / Tyvek® Supro Plus	Tyvek® Metal	Tyvek® Housewrap	Tyvek® Structure-Guard™	
Pitched roofing						
Tiled/Slated roofs						
Supported		●				
Unsupported		●				
Metal roofs						
Profiled cladding		●				
Standing seam		●	●			
Scottish boarded roofs		●				
Below solar panels[2]		●				
Walls						
Timber frame	●	●		●	●	
Ventilated façades for highrise buildings	●					
Open cladding façade (low rise)						
Metal frame (low rise)	●	●		●	●	
Higher fire class requirements	●					

● : Applicable. Before using check with local regulations
● : Highly recommended to improve energy efficiency

membranes

				AVCLs			
	Tyvek® FireCurb®	Tyvek® Reflex	Tyvek® UV Façade / Tyvek® UV Façade Plus	DuPont™ AirGuard® Control for internal use only (internal lining)	DuPont™ AirGuard® Reflective for internal use only (internal lining)	Tyvek® AirGuard® Smart for internal use only (internal lining)	DuPont™ AirGuard® A2 FR AVCL for internal use only (internal lining)
				●	●	●	● ●
				●	●	●	● ●
				●	●	●	● ●
					●	●	● ●
				●	●	●	● ●
				●	●	●	● ●
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Applications

		Acrylic tapes					
	Product Name	Tyvek® Acrylic Tape	Tyvek® Acrylic (Corner) Tape	Tyvek® UV Facade Tape	Tyvek® Metallised Tape	Tyvek® Double-Sided Tape	
	Style Code (width)	2060B (75mm)	2060B (60mm with Split Liner)	1312F (75mm)	2060M (75 mm)	1310D (50 mm)	
	Inside	X	X		X	X	
	Outside	X	X	X	X	X	
Overlaps and overall repair	Tyvek® underlays for roof (EN13859-1)	●	●	●	●	●	
	Tyvek® underlays for walls (EN13859-2)	●	●	●	●	●	
	Tyvek® UV Façade (EN13859-2 with open joints)			●		●	
	DuPont™ AirGuard® AVCL all applications (EN13984) *	●	●	●	●	●	
Material compatibility and recommended use	Masonry / concrete / render (smooth)	●	●	●	●	●	
	Brick / block / concrete / render (rough)	●	●	●	●	●	
	Plasterboard	●	●	●	●	●	
	Eaves carrier					●	
	Window / door frames (PVC, Wood, Aluminium)	●	●	●	●	●	
	OSB & Wood fibre	●	●	●	●	●	
	Timber (rough, sawn)	●	●	●	●	●	
	Timber (planed, grinded)	●	●	●	●	●	
	Metal (aluminium, steel, copper, ...)	●	●	●	●	●	
	Construction membranes (PE, PVC, PP, PES, Alu, ...)	●	●	●	●	●	
Penetrations & other applications	Pipe penetrations (plastic & metal)	●	●	●	●		
	Wiring / cable penetrations	●	●	●	●		
	Around electrical sockets	●	●	●	●		
	Windows & Doors to timber frame (inside)	●	●		●		
	Windows & Doors to timber frame (outside)	●	●	●	●		
	Windows & Doors to bricks & blocks (inside) *	●	●		●		
	Windows & Doors to bricks & blocks (outside) *	●	●	●	●		
	Plasterable or under rendering *						
	Temporarily fixing Air and vapour control layers (VCL) to rafters					●	
	Fixing of Tyvek® underlays						

■ recommended to use a primer - ● recommended and designed for - ● works out properly but not designed for

Acrylic tapes					Butyl tapes			Other
	Tyvek® Double-Sided Tape	AirGuard® FR System Tape	Tyvek® Window Tape	DuPont™ AirGuard® Tape	Tyvek® Butyl Tape*	Tyvek® FlexWrap NF	Tyvek® FlexWrap EZ	DuPont™ AirGuard® Sealant
	1310D (20mm)	1310FR (75mm)	1310PT (80/ 150mm)	1310V (60mm)	1311B (20/ 50mm)	FLEXNF (152mm/ 228mm)	2064FW (60mm)	1211S
	X	X	X	X	X	X	X	X
	X	X	X		X	X	X	
		●	●	●	●	●	●	
		●	●	●	●	●	●	
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	●				●			

* DuPont Butyl Tape (1311B) Should not be used as a stud tape (adhesive) with either Tyvek® Trifecta™ (2021B), Tyvek® Firecurb (2066B) or AirGuard® A2FR (5816X)

* DuPont AirGuard® Sealant (1211S) is only suitable for use with AirGuard® Control (8327AD) and AirGuard® Smart (2009B)

AirGuard® A2 FR AVCL

Airtight Vapour Control Layer for use within the internal lining of roof, ceiling and wall systems.

- A fire retardant AVCL with European Fire Classification A2
- System classification: DuPont™ AirGuard® A2 FR AVCL with DuPont™ AirGuard® FR System tape
- Thermal benefit: low emissivity/reflective surface
- Tested and classified for free-span, on mineral wool slab, gypsum plasterboard or fibre cement board
- Suitable for all building types, heights and proximities
- A full system test with DuPont™ AirGuard® FR System Tape has been successfully tested according to EN 13501-1

Properties	
Style name	5816X
Composition	Laminate of glass fibre-mesh with lacquered aluminium foil
Product designation acc. to EN 13984	Type B
Roll size	1.2 m x 50 m
Thickness	0.15 mm
Mass per unit area	165 g/m^2
Reaction to fire* (EN13501-1)	A2-s1,d0 (membrane)
Emissivity	0.05
Water vapour transmission (Sd)	4,900 m
Water vapour resistance	24,000 MN.s/g
Water tightness (EN1928)	Pass (Type A)
Tensile force MD/XD	800/800 (N/50 mm)
Nail tear resistance MD/XD	170/150 (N/50 mm)
CE marking	Yes
Environmental Product Declaration	EPD-DUP-20220296-CBA1-EN

* The 25 Year Warranty only applies to the AirGuard® A2 FR product's performance. Warranty document available on request.



DuPont™ AirGuard® Control

Strong AVCL for optimal airtightness in roofs, walls and floors

- Limited vapour transmission
- Airtight and water-resistant
- CE-conformity for plastic and rubber vapour control layer (EN 13984)
- Superior mechanical strength
- Reaction to Fire: Class E
- Lightweight - easy to install
- Reduces convective heat losses
- Reduces convective vapour transfer
- Reduces risk of condensation into the insulation

Properties	
Style name	8327AD
Composition	DuPont™ Typar® spunbond & ethylene-butylacrylate copolymer
Product designation acc. to EN 13984	Type A
Roll size	1.5 m x 50 m
Roll weight	8.5 kg
Mass per unit area	108 g/m²
Reaction to fire	Class E
Water vapour transmission (Sd)	5 m
CE marking	Yes
BBA certificate	N° 08/4548 and N° 90/2548



DuPont™ AirGuard® Reflective

AVCL which boosts your thermal insulation

- Highly vapour resistant
- Airtight and water-resistant
- CE-conformity for plastic and rubber vapour control layer (EN 13984)
- Reflects ca. 95% of radiant heat
- Reduces heat losses by increasing of R-value of the construction
- Superior mechanical strength
- Reaction to Fire: Class E
- Considerably reduces risk of condensation into the insulation
- Reduces convective heat losses

Properties	
Style name	5814X
Composition	Composite of polypropylene, polyethylene and an aluminium foil
Product designation acc. to EN 13984	Type A
Roll size	1.5 m x 50 m
Roll weight	11.5 kg
Mass per unit area	149 g/m^2
Reaction to fire	Class E
Emissivity**	0.05
Water vapour transmission (Sd)	2000 m
CE marking	Yes
BBA certificate	N° 08/4548 and N° 90/2548
EPD-DUP-20220295-CBA1-EN Environmental Product Declaration	

** A low emissivity value = high reflectivity = superior thermal performance.



Tyvek® AirGuard® Smart

AVCL with variable vapour resistance

- Prevents structure damage and loss of insulation efficiency by smartly adapting to various moisture conditions and regulating the humidity in building elements
- Reduced drying out time
- Durability, health and longevity of buildings
- Greater energy efficiency
- Additional drying capacity for unplanned humidity infiltration
- Enhanced interior comfort

Properties	
Style name	2009B
Composition	Tyvek® with polymeric coating
Product designation acc. to EN 13984	Type B
Roll size	1.5 m x 50 m
Roll weight	7 kg
Mass per unit area	92 g/m²
Reaction to fire	Class E*
Water vapour transmission (Sd)	35 m (dry environment) / 0.2 m (humid environment)
Watertightness acc. to EN13859-1 based on 1928 (A)	W1
CE marking	Yes
Environmental Product Declaration	EPD-DUP-20220250-CBA1-EN

* Installed on mineral wool.



DuPont™ Tyvek® Trifecta™

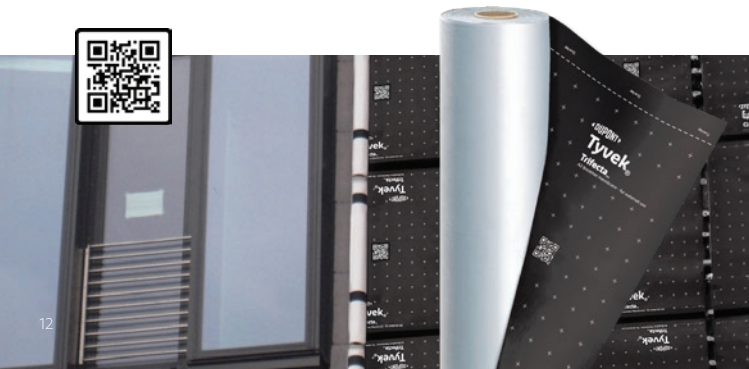
The building breather membrane that limits the propagation of flames

- Full A2-s1,d0 system:
  - DuPont Tyvek® Trifecta™ breather membrane
  - DuPont AirGuard® A2 FR AVCL (1.2m x 25m)
  - DuPont AirGuard® FR System Tape plus 20mm 1310D
- Suitable for use over any A1/A2 mineral boards
- Unrestricted use for higher risk buildings, including height and proximity across the UK
- Suitable for all building types including 'higher risk'
- 6 months free exposure to UV
- Airtight for best possible heating and cooling savings
- W1 water resistance to EN 1928 (A) for effective weather protection
- Low vapour resistance for condensation control
- Extremely robust, with exceptional strength characteristics
- 25 year warranty

Properties	
Style name	2021B
Dimensions/Weight	1.5 m x 25 m 15 kg
Mass per unit area	400 g/m²
UV exposure	6 months
Reaction to fire* (EN13501-1)	A2-s1,d0
Temperature resistance	-40 to +100° C
Water vapour transmission (Sd)	0.08 m
CE marking	Yes
BBA Certificate	N° 90/2548 Pending

* Installed on mineral board with EN 13501-1 fire class A1 and A2-s1, d0 in combination with the use of DuPont™ AirGuard® FR system tape (1310FR) to seal the overlaps. Further specifications are detailed in the classification report which can be requested from a DuPont sales representative or by sending an email to tyvek.construction@dupont.com.

Application: Tyvek® Trifecta™ is typically installed onto the external side of the sheathing board or integrated in the wall structure system. It can be used as a solution for ventilated façades.



DuPont™ Tyvek® FireCurb®

The building breather membrane that limits the propagation of flames

- Suitable for all high-rise and high occupancy buildings
- Excellent water resistance, satisfies W1 standard
- All the benefits of standard Tyvek® Housewrap
- Self-extinguishing when ignited
- Limits propagation of flames
- Halogen-free flame-retardant coating
- Includes all previous Tyvek® characteristics for energy efficient and condensation free building
- Long-term investment protection
- Greater safety during and after installation

Properties	
Style name	2066B
Composition	Flash-spun-bond HDPE with flame retardant coating
Dimensions/Weight	1.5 m x 50 m / 5,5 kg
Mass per unit area	66 g/m²
UV exposure	4 months
Functional layer thickness	175 µm
Reaction to fire* (EN13501-1)	B-s1,d0
Temperature resistance	-40 to +100° C
Water vapour transmission (Sd)	0,04 m
CE marking	Yes
BBA Certificate	N° 90/2548
Environmental Product Declaration	EPD-DUP-20220248-CBA1-EN

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

Application: Tyvek® FireCurb™ 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.



DuPont™ Tyvek® Housewrap

The ideal vapour-permeable wall membrane

- Surface applied, fixed directly to sheathing ply / OSB, insulation or blockwork
- Also suitable for steel-frame and concrete structures
- Excellent water resistance, satisfies W1 standard
- Highly permeable to water vapour (sd-value: 0.01 m)
- Airtight / windtight and highly water resistant (>W1)
- Enhances the airtightness of the construction
- Lightweight, flexible and easy to install
- Established & trusted long-term performance

Properties	
Style name	3060B
Composition	High-density polyethylene
Roll size	1.4 m x 100 m / 2.8 m x 100 m
Roll weight	9 kg / 18 kg
Mass per unit area	63 g/m²
UV exposure	4 months
Product- / Functional layer thickness	175 µm
Water vapour transmission (Sd)	0.01 m
CE marking	Yes
BBA certificate	N° 90/2548
NSAI certificate	N° 02/0144



DuPont™ Tyvek® UV Façade / Tyvek® UV Façade Plus

Protection for open and ventilated rainscreen cladding

- Excellent water-resistance, satisfies W1 standard
- Suitable for open or ventilated cladding in timber, metal, stone and other materials
- Very robust, but flexible & easy to install
- Excellent water resistance, satisfies W1 standard
- Black, unbranded membrane
- Tested for 5000 hours UV ageing to EN 13859-2, followed by 90 day heat exposure at 70 °C. The membrane retained its full performance.
- Windtight, water resistant and vapour-permeable
- For joint width of up to 3 cm
- Greatly enhances the airtightness of the construction
- Long-term performance
- Reaction to fire class E

Properties	
Style name	2524B
Composition	Composite of high-density polyethylene, and polypropylene. Available with or without integrated tape.
Roll size	1.5 m x 50 m / 3.0 m x 50 m
Roll weight	15 kg / 30 kg
Mass per unit area	195 g/m²
UV exposure	5000 hours
Product- / Functional layer thickness	600 /220 µm
Water vapour transmission (Sd)	0.035 m
CE marking for Façades with open joints	Yes
BBA Certificate	N° 90/2548
Environmental Product Declaration EPD-DUP-20210187-IBC1-EN	



DuPont™ Tyvek® Reflex

The reflective breather membrane

- Excellent water resistance, satisfies W1 standard
- Windtight and water resistant but vapour-open
- Low emissivity surface (0.10) results in highly reflective product (90 %) for improved thermal comfort
- Reduces heat loss and improves U-value of wall element
- Improves indoor summer comfort by limiting solar heat gain
- Enhances the airtightness of the construction
- Lightweight, flexible and easy to install
- Long-term performance

Properties	
Style name	3583M
Composition	High-density polyethylene with metallised surface
Roll size	0.48 m x 100 m / 1.50 m x 100 m 2.70 m x 100 m / 3.00 m x 100 m
Roll weight	4.2 kg / 13 kg / 25 kg / 29 kg
Mass per unit area	83 g/m²
UV exposure	4 months
Product thickness = Functional layer thickness	220 µm
Water vapour transmission (Sd)	0.03 m
Emissivity	0.10
CE marking	Yes
BBA Certificate	N° 90/2548



DuPont™ Tyvek® StructureGuard™

A windtight, water-resistant breather membrane for walls

- Suitable for low-rise walls in timber-frame, metal frame, masonry and internal insulation upgrade
- Excellent water resistance, satisfies W1 standard
- Exceptional airtightness
- Windtight and highly water resistant (>W1)
- Lightweight, flexible and easy to install
- Provides superior air and moisture management for commercial and residential buildings
- Long-term performance

Properties	
Style name	1560B
Composition	High-density polyethylene
Roll size	0.75 m x 100 m / 1.4 m x 100 m / 2.7 m x 100 m
Roll weight	0.75 m = 4.5 kg / 1.4 m = 9 kg / 2.7 m = 18 kg
Mass per unit area	58 gr/m^2
UV exposure	4 months
Product- / Functional layer thickness	175 µm
Water vapour transmission (Sd)	0.015 m
CE marking	Yes
BBA certificate	N° 90/2548
Environmental Product Declaration	EPD-DUP-20210183-IBC1-EN



DuPont™ Tyvek® Supro / Tyvek® Supro Plus

A water resistant membrane suitable for all supported and unsupported pitched roof applications

- Available with integrated tape (Tyvek® Supro Plus)
- Excellent water resistance, satisfies W1 standard
- Airtight / Windtight - compliant with BS5534
- Vapour-permeable
- Providing superior air and moisture management for buildings
- For all supported and unsupported pitched roof applications warm, hybrid and cold roofs
- Fits also for Scottish sarking board systems
- Fits also for wall and floor applications
- Long-term performance

Properties	
Style name	2507B
Composition	Composite of high-density polyethylene, polypropylene
Roll size	1.0 m x 50 m / 1.5 m x 50 m
Roll weight	1.0 m = 7.5 kg / 1.5 m = 12 kg
Mass per unit area	145 g/m²
UV exposure	4 months
Product- / Functional layer thickness	450 / 175 µm
Water vapour transmission (Sd)	0.025 m
CE marking	Yes
BBA certificate	N° 08/4548
NSAI certificate	N° 04/0157
Compliant with BS5534	

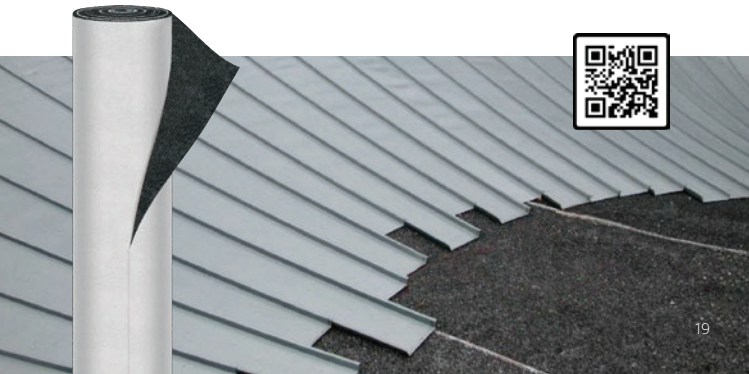


DuPont™ Tyvek® Metal

A vapour-permeable drainage membrane

- For use as drainage membrane beneath standing seam metal sheets roofs over timber boarding or SiPs.
- Allows condensation beneath stainless steel, aluminium, copper and zinc roofs to drain away
- Satisfies the W1 standard
- With integrated tape
- Excellent water resistance, satisfies W1 standard
- Airtight / Windtight
- Vapour-permeable
- Should be installed over 150 mm wide timber boarding with 2 mm gaps between
- Long-term performance

Properties	
Style name	2510B
Composition	Composite of high-density polyethylene, polypropylene nonwoven and open mesh spacer
Roll size	1.5 m x 25 m
Roll weight	14.6 kg
Mass per unit area	407 g/m^2
UV exposure	4 months
Product- / Functional layer thickness	7.40 / 0.22 mm
Water vapour transmission (Sd)	0.03 m
CE marking	Yes





Products not to scale.

Create windtight, airtight and watertight seals

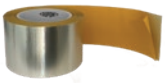
DuPont™ Tyvek® and DuPont™ AirGuard® accessories

The energy efficiency of buildings is to a great extent dependant on the continuity of materials used in the building envelope. The range of accessories has been developed to complement and enhance our building envelope solutions.

It helps to:

- reduce or avoid air leakage through the building envelope
- reduce or avoid wind washing
- reduce or avoid dust and pollen penetration
- prevent animals (birds, insects...) from nesting

DuPont™ AirGuard® FR System Tape (style code 1310FR)



A high-performance, reflective, single-sided Air & Vapour Control Layer tape (ACVL), with European fire class A2 in combination with DuPont™ AirGuard® A2 FR AVCL. Dedicated for use with DuPont™ AirGuard® A2 FR AVCL for airtight sealing of laps, joints, functions, windows and doors and sealing around penetrations such as pipework, wiring and structural elements.

Roll size:	75mm x 25m
Rolls per box:	20

Tyvek® Acrylic Tape
Tyvek® Acrylic (Corner) Tape with split-release liner
(style code 2060B)



- Single-sided DuPont™ Tyvek® (HD-PE) with modified acrylic adhesive with or without a paper split-release liner.
- Suitable for sealing membrane laps, but particularly suitable for making good around penetrations and for damage repair for most Tyvek® underlays and DuPont™ AirGuard® AVCL
- With a split liner it is ideal to seal the DuPont™ AirGuard® AVCL to windows and doors.

Colour:	white
Roll size / rolls per box: without split-release liner	75 mm x 25 m / 8 rolls
Roll size / rolls per box with split-release liner	60 mm x 25 m / 10 rolls
Environmental Product Declaration EPD-DUP-20220293-CBA1-EN	

Tyvek® Double-Sided Tape
(style code 1310D)



- 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.
- Suitable for all Tyvek® membranes and DuPont™ AirGuard® AVCL products.

Colour:	transparent
Roll size:	50 mm x 25 m
Rolls per box:	12 (48 boxes per pallet)
Environmental Product Declaration EPD-DUP-20220294-CBA1-EN	

Tyvek® Butyl Tape
(style code 1311B)



- 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 product 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, 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) (48 boxes per pallet)

Tyvek® Window Tape
(can be plastered or rendered)
(style code 1310PT)



A high performance airtight and moisture adaptive carrier tape that can be plastered over. It seals difficult areas like windows, doors and timber to blockwork connections - a product that is suitable for internal & external applications.

Colour:	white
Roll size / rolls per box	80 mm x 25 m / 6 rolls
Roll size / rolls per box	150 mm x 25 m / 4 rolls
Release liner split: 80 mm tape 20/60 mm; 150 mm tape 20/70/60 mm	

Tyvek® Metallised Tape
(style code 2060M)



- Single-sided reflective tape for sealing laps of Tyvek® Reflex, DuPont™ AirGuard® Reflective and DuPont™ AirGuard® A2 FR.
- 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 (48 boxes per pallet)

DuPont™ AirGuard® Tape
(style code 1310V)



High-performance, airtight, vapour control layer tape for sealing laps. It is flexible, hand-tearable and has a very high tack which sticks on all smooth or rough surfaces, such as PE films, span-bond, wood or PVC.

Colour:	white
Roll size:	60 mm x 25 m
Rolls per box:	10 (48 boxes per pallet)

Tyvek® UV Façade Tape
(style code 1312F)



- Single-sided acrylic tape with high UV resistance.
- Especially designed for sealing Tyvek® UV Façade overlaps, penetration and joints in a durable and non-contrasting manner.
- Excellent ageing and outdoor performance.

Colour:	black
Roll size:	75 mm x 25 m
Rolls per box:	8 (48 boxes per pallet)



Tyvek® FlexWrap NF and EZ
(NF style code FLEX NF, EZ style code 2064FW)

- High-performance, flexible, self-adhesive flashing tape.
- Significantly helps in facilitating the creation of airtight and watertight 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® air and vapour control layers.

Colour	white
NF - **Roll size** / rolls per box	152 mm x 23 m / 1 roll
NF - **Roll size** /rolls per box	228 mm x 23 m/1 roll
EZ - **Roll size** / rolls per box	60 mm x 10 m / 3 rolls

DuPont™ AirGuard® Sealant
(style code 1211S)



An adhesive sealant for permanently elastic, airtight bonding of joints and structural connections as well as connections of vapour control layers to many surfaces. It provides excellent adhesion to most surfaces such as stone, concrete, plaster, plasterboard, glass and wood. For internal building use (not for external use)

Colour:	White
Capacity	310ml
Cartridges per box:	20

Improve your building with Spray Polyurethane (PU) Foams

DuPont™ Great Stuff™ All Direction Straw Foam

All direction Spray Polyurethane Foam



- **Composition:** One component, moisture curing, polyurethane foam
- **Product size:** 150ml, 300ml, 500ml and 750ml cans
- **Dispenser:** Plastic straw included
- Expanding foam, can be sprayed with the can in every position, works any way up
- Bonds to masonry, metal, glass, wood and most plastics

DuPont™ Great Stuff™ Pro Fixer Window & Door

Minimal expansion Spray Polyurethane Sealant



- **Description:** Spray polyurethane foam sealant for windows and doors
- **Composition:** One component, moisture curing, Polyurethane foam
- **Product size:** 750ml cans
- **Dispenser:** Spray gun (not included)
- Bonds to aluminium, PVC, masonry, metal, glass, wood and most plastics

DuPont™ Great Stuff™ Pro Fire Rated Foam

Regular expansion Spray Polyurethane Sealant Fire Rated



- **Foam colour:** Pink foam for easy identification
- **Composition:** One component, moisture curing, polyurethane foam
- **Product size:** 750ml cans
- **Dispenser:** Straw (plastic straw included) / spray gun (not included)
- Spray polyurethane foam sealant, fire-rated / B1 fire-rated according to DIN 4102
- 5 hours fire rating obtain with a concrete gap size of 15mm x 220mm according to the BS 476 Pt 20:1987
- Different gap size and material will impact the fire performance
- Bonds to masonry, metal, glass, wood and most plastics, for other surfaces please contact DuPont
- Noise reduction according to EN ISO 717-1:2013 up to 58dB

DuPont™ Great Stuff™ Pro Gaps & Cracks

Spray Polyurethane expanding foam



- **Composition:** One component, moisture curing, polyurethane foam
- **Product size:** 750ml cans
- **Dispenser:** spray gun (not included)
- Spray polyurethane foam gap filler and cracks
- Bonds to masonry, metal, glass, wood and most plastics, for other surfaces please contact DuPont

DuPont™ Insta Stik™ Flex +

Spray Polyurethane flexible foam adhesive



- **Description:** Spray polyurethane flexible foam adhesive
- **Composition:** One component, moisture curing, polyurethane foam
- **Product size:** 750ml cans
- **Dispenser:** Straw (plastic straw included) / spray gun (not included)
- Fast curing
- Noise reduction according to EN ISO 717-1:2013 up to 60dB
- Airtightness according to EN 12114 of 600Pa
- B2 fire-rated according to DIN 4102, for thickness up to 20mm
- Adheres to aluminium, PVC, timber, blockwork, bricks, glass, metal, roof tiles

DuPont™ Insta Stik™ Multi-Purpose Fast Cure

Spray Polyurethane foam adhesive



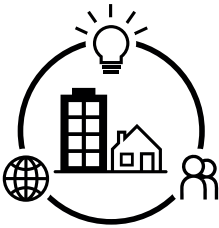
- **Description:** Spray polyurethane foam adhesive
- **Composition:** One component, moisture curing, polyurethane foam
- **Product size:** 750ml cans
- **Dispenser:** Straw (plastic ptraw included) / spray gun (not included)
- Fast curing
- B2 fire-rated according to DIN 4102, for thickness up to 10mm
- Adhesion to plasterboard, insulation boards (PU, PIR, MW, XPS, EPS), timber, blockwork, bricks, glass, metal, roof tiles, for other surfaces please contact DuPont
- Adheres up to 15m² with one can
- Can be used horizontally or vertically

DuPont™ Froth-Pak™ Foam Systems

Spray Polyurethane Insulation



- **Description:** Spray polyurethane foam insulation
- **Composition:** Two component polyurethane foam (component A isocyanate, component B polyol)
- **Product Variant:** QR (quick rise), SR (slow rise)
- **Product sizes:** 11.0 (FP180), 19.9kg, and 20.5kg (FP600)
- **Dispenser:** INSTA-FLO™ Gun (not included for FP180 / FP600 and 1900
- Adheres to timber, blockwork, bricks, glass, metal, roof tiles, PVC, aluminium and most plastics



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Tyvek

BUILDING KNOWLEDGE CENTRE

- Science you can build on -

www.building.dupont.co.uk
www.energy-efficiency.dupont.com

The DuPont™ Tyvek® Building Knowledge Centre is a resource for building envelope installation and design best practices. It's a dedicated source for information about evolving building regulations, sustainable building practices and air, water and thermal management, that can help you:

- Select building envelope materials and techniques
- Meet or exceed building standards
- Enhance energy efficiency
- Maintain interior air quality
- Improve building durability
- Increase job site efficiency
- Develop project-specific specifications and plans

All technical data sheets, installation guides and certificates are available to download from the document section of our website.

You can also contact the technical or sales team by phone or email:

Main office: +44 (0) 117 452 9050

Option 1 for Technical assistance

Option 2 for Pricing and enquiries

Option 3 for Invoicing, order acknowledgments and customer order processing

Technical team email: tyvek.construction@dupont.com

BIM
BUILDING INFORMATION MODELLING

Condensation Risk Analysis

DuPont™ Tyvek® membranes wall and floor applications (calculations for roofs also available)

To assess the impact of Tyvek® on the thermal performance of your element (Uvalue) please contact the DuPont PBS Building Knowledge Centre with the below details.

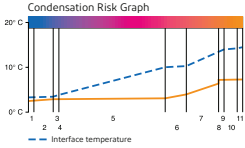
DUPONT Tyvek

THE DUPONT™ TYVEK® BUILDING KNOWLEDGE CENTRE
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www.energy-efficiency.dupont.com

Condensation Risk Analysis

In order to assess the risk of interstitial condensation a free analysis can be carried out for proposed wall or floor constructions where a Tyvek® membrane is specified. The analysis uses the calculation method contained in BS EN ISO 13788, and as referred to within Annex D of BS 5250: 2021.

Condensation Risk Graph



To obtain the analysis please complete this form, scan and mail it to Tyvek® Technical Support on: tyvek.construction@dupont.com

Name & address:..... Tel:.....

..... Mob:.....

..... E-mail:.....

Project ref:..... Project location:.....

Building type
(please tick **one** only)

- ☐ Office/shop
- ☐ Domestic/residential
- ☐ Public/community building
- ☐ Church
- ☐ School
- ☐ Sports/activity
- ☐ Swimming pool
- ☐ Other .....

Pitched roof system
(please tick **one** only)

- ☐ Insulation at joist level (roof pitch .....)
- ☐ Insulation beneath rafters
- ☐ Insulation beneath & between rafters
- ☐ Insulation between rafters
- ☐ Insulation between and over rafters
- ☐ Insulation over rafters
- ☐ Insulation over rafters & between counter battens
- ☐ Other .....

Studs/joists = ...mm x .....mm @ ..... centres

Exposure rating (please specify) ☐ sheltered ☐ normal ☐ exposed

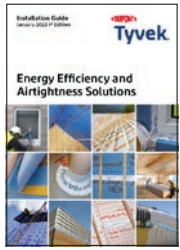
Construction details (please list construction build-up starting with the external layers)

Outside 1.....
2.....
3.....
4.....
5.....
6.....
7.....
8.....
Inside 9.....

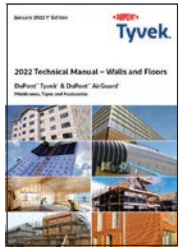
Typical example:
Tiles / slates
25 x 38mm battens
Tyvek® Supro
25mm airspace
100mm PIR Insulation
DuPont™ AirGuard® control
12.5mm plasterboard.

Other useful documents

Energy Efficiency and Airtightness Solutions



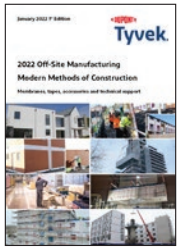
Technical Manual Walls and Floors



Technical Manual Roofs



Modern Methods of Construction



Adhesive and Sealant Range



Notes

www.building.dupont.co.uk

Recommendations as to methods, use of materials and construction details are based on the experience and current knowledge of DuPont and are given in good faith as a general guide to designers, contractors and manufacturers. This information is not intended to substitute for any testings you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions. DuPont makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a licence to operate under a recommendation to infringe any patent right.

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Product Portfolio - UK IRE - 09/2024, 2nd Addition