

# DuPont EMEA Accessories (Foams & Tapes)

**Portfolio (Dezember 2024)**

**Specifications & Application table**

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Performance Building Solutions - DuPont™ Water & Protection



**DUPONT**™



# OCF

## Sealing GREAT STUFF™ PRO

Filling and sealing of cavities,  
holes, cracks and joints

## Bonding INSTA-STIK™

Special adhesive systems  
for application in perimeter areas,  
EIFS, flat roofs and in building  
component connection joint

# 2K LP

## Insulation FROTH-PAK™

In-situ insulation for multiple use on the  
construction site e.g. fixation of doors,  
under lift/slide door elements



# One and two component polyurethane foams

**OCF:** reaction of isocyanate & polyol **without water**

→ «prepolymer» foaming only with ambient moisture on use



**2K Sprayfoam:** water is added with the polyol

→ the components mix and react when sprayed



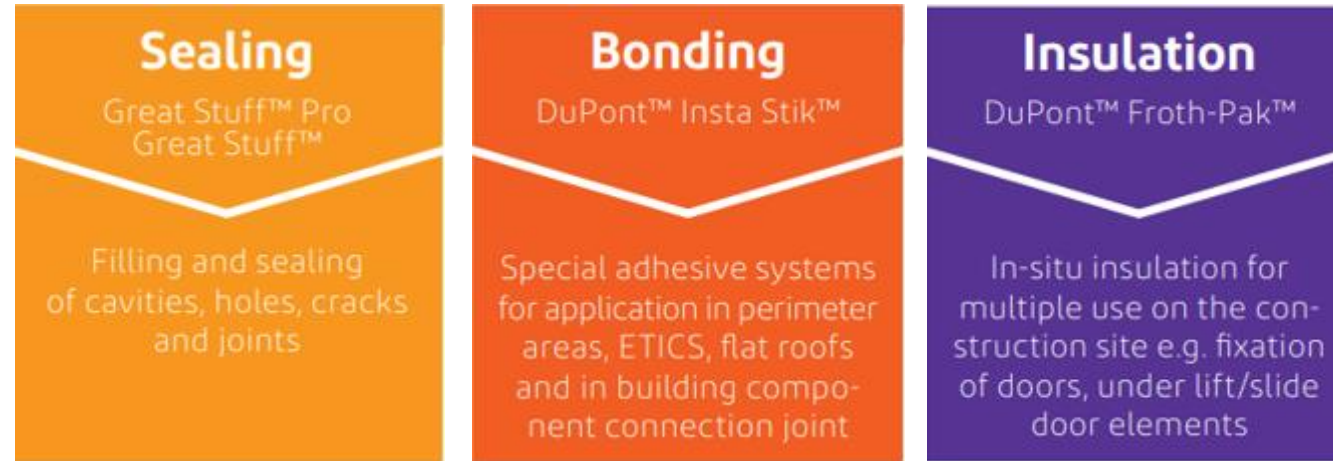
# OCF versus 2K LP polyurethane foam



- Moisture and temperature dependant
  - Cure after several hours (6-12 hrs)
    - Large and open cell foam
  - Moderate insulation properties
    - Filling gaps 10-60mm
- (Flammable blowing agent)*
- Temperature  $> 15^{\circ}\text{C}$
  - Fast cure i.e. in minutes
  - Closed-cell foam, low water uptake
  - Good insulation properties
  - Filling large cavities or spray areas



# DuPont Spray Polyurethane Foam Portfolio & applications



One-component Polyurethane Foams

Two-component Polyurethane Foams

# GREAT STUFF™ PRO SEALANTS

- Gaps & Cracks**
- > gun, head down: standard foam sealant for construction
  - > straw, head down: standard foam sealant for construction

## Gaps & Cracks Megafoam

- > gun, head down: higher yield foam sealant

- FR/B1 & B2**
- > gun, head down: B1 class and BS 476 high fire resistance sealant

- All Directions**
- > gun, head up or down foam sealant

- Flexible Foam**
- > gun, head down: flexible, air- and water tight foam sealant for windows and doors installation

- All Season**
- > gun, head down: low temperature (-10degC) curing foam sealant



# GREAT STUFF™



# GREAT STUFF™ Pro - Technical Datasheet

				Typical properties according to FEICA*						
Product	TP Code	Type	Size ml	Tack free TM 1014 Min	Cut time TM1009 Min	Yield TM1003 Liter	Dim. Stab. TM1004	Fire DIN4102 BS476	Color	Brittleness TM1008/ Sagging TM1006
Great Stuff Pro G&C B3	32813 32811	Gun Straw	750 750	10 12	23 25	45 35	≤10 ≤10	B3 B3	yellow	-
Great Stuff B3/ Megafoam	339056 12677	Gun	870	10	23	60	-	B3 B3	yellow	-
Great Stuff Pro B2	6935 32796	Gun Straw	750 750	10 12	20 25	45 35	≤10 ≤10	B2 B2	yellow	-
Great Stuff Pro MP FR/B1	99270 7983	Gun Straw	750 750	8 9	14 17	45 35	-	B1/5 hrs B1/5 hrs	pink	-
Great Stuff Pro All Directions	99054, 80465, 80466, 99533	Straw	150, 300, 500, 750	12	35	33	≤10	B3	yellow	-
Great Stuff Pro Flexible Foam	114508	Gun	750	7	60	15m (joint)	-	B2	grey	-
Great Stuff Pro All Season	184296	Gun Straw	750	4 12	18 25	41 21	-	B3 B3	yellow	1/a
Great Stuff Gun Pro Cleaner	107227	-	500	-	-	-	-	-	-	-

\*EU Adhesives & Sealants Industry Association: <http://www.feica.com/our-industry/pu-foam-technology-ocf/>





# INSTA-STIK™ ADHESIVES

- Multipurpose (MP)\*** > gun, head down: standard foam adhesive  
> straw, head down: standard foam adhesive
- Perimeter\*** > gun, head down: perimeter foam adhesive  
> straw, head down: perimeter foam adhesive
- Tilebond** > gun, head down: tile foam adhesive
- Roofing D** > gun, head down: high yield low temperature (5 deg C product and ambient temperature) roofing adhesive
- ETICS W** > gun, head up: ETICS/EIFS adhesive, building class B1 fire rated in combination with EPS insulation

**\*Fast-Cure (FC):** Fast curing version for more efficient application available



# INSTA-STIK™





# INSTA-STIK™ - Technical Datasheet

				Typical properties according to FEICA*					
Product	TP Code	Type	Size ml	Tack free TM 1014 Min	Cut time TM1009 Min	Yield TM1003 Liter	Fire DIN4102 BS476	Color	Yield m²/m
INSTA STIK MP	105373 105823	Gun Straw	750 750	9 9	20	45 45	B2	yellow	-
INSTA STIK PM	104382 105823	Gun Straw	750 750	9 9	20	45 45	B2	yellow	13
TILEBOND	103626	Gun	750	9	20	45	B2	yellow	-
INSTA STIK PM FC	314918 365954	Gun Straw	750 750	5 5	15	45 45	B2	yellow	-
INSTA STIK D	392184	Gun	870	5	15	60	B2	yellow	15/60
INSTA STIK W/B1	222209	Gun	750	10	25	45	B2	white	15

\*EU Adhesives & Sealants Industry Association: <http://www.feica.com/our-industry/pu-foam-technology-ocf/>



# FROTH-PAK™ Two component spray insulation

## INSULATION FROTH-PAK™ QR

- Installations e.g. door, window, machinery
- Basement, floor, roof, attic
- Cavity wall, cold store, boats, caravans, ...
- Theatre, movie sets & scenery

## INJECTION FROTH-PAK™ SR

- Reefer, container, truck & caravan repairs
- Sanitary: pool, spa, plumbing, ...
- Pipe shells, AC, machinery, ...
- Mining, geology

**Quick-rise QR** > Rise time 30 seconds, nominal density 30 kg/m<sup>3</sup>  
> Thermal conductivity: 22 mW/m.K, aged 30 mW/m.K  
> CE marked, Euroclass E, German B2

**Slow-rise SR** > Rise time 60 seconds, nominal density 30 kg/m<sup>3</sup>  
> Thermal conductivity: 22 mW/m.K, aged 30 mW/m.K  
> CE marked, Euroclass E, German B2





# FROTH-PAK™



# FROTH-PAK™ - Technical Datasheet

Cylinder			Polyurethane Foam <sup>(1)</sup>			
PRODUCT	REF. (GMID#)	NET WEIGHT (kg)	DENSITY (kg/m <sup>3</sup> )	YIELD <sup>(2)</sup> (m <sup>3</sup> )	RISE TIME (Seconds)	FIRE RATING EUROCLASS / DIN 4102-1
FROTH-PAK MINI	337155	1.2	30	0.04	30	E/B2
FROTH-PAK™ 180 QR Kit	248474	11.9	30	0.39	30	E/B2
FROTH-PAK™ 180 SR Kit	248471	11.9	30	0.39	60	E/B2
FROTH-PAK™ 180 QR HD Kit (High Density)	357670	11.4	45	0.26	30	E/B2
FROTH-PAK™ 600 QR Polyol cylinder	247779	19.9	30	1.34	30	E/B2
FROTH-PAK™ 600 SR Polyol cylinder	248246	19.9	30	1.34	60	E/B2
FROTH-PAK™ 600 QR HD Polyol cylinder (High Density)	357713	18.2	45	0.86	30	E/B2
FROTH-PAK™ 600 Isocyanate cylinder	248197	20.5	NA		NA	E/B2

<sup>(1)</sup> Results for the foam dispensed from a kit including one polyol and one Isocyanate cylinder, e.g. yield 1.34 m<sup>3</sup> obtained with GMID# 247779 & 248197.

<sup>(2)</sup> Theoretical yield calculations done in laboratories conditions, without taking into account the variations in application methods and types.





# Target applications

## Specialty foam adhesives

Humidity

Noise

Air

## Spray insulation

- Roof & wall insulation
- Industrial (machinery etc)
- Transportation insulation & repairs

## Gap filler in construction

Window/door installation

Flat roof insulation

ETICS/EIFS

Perimeter

## Foam injection

Cavity wall

Pipe shells

Tank passivation & buoyancy



**SEAL**

**BOND**

**INSULATE**



# Storage & application conditions

**STORAGE ►►** Cool, dry and frost-protected.  
Do not expose to temperatures above +50°C.  
Make sure to use vented-storages.  
Do not store together with flammable liquids or food.

**STORAGE CLASS TRGS 510 ►►** 2B – Aerosol-Packaging

**APPLICATION TEMPERATURE ►►** +5°C to +35°C

**OPTIMAL PRODUCT TEMPERATURE ►►** +18°C to +25°C

**TEMPERATURE RESISTANCE ►►** For cured foam - 40°C to +100°C  
No embrittlement, if UV protected.

**SHELF LIFE ►►** 18 months (rubber vave), 24 months (mechanical/Pageris valve)

**APPLICATORS ►►** Pageris® applicator, general purpose OCF applicators

**CLEANING ►►** PU-cleaner e.g. INSTA-STIK™ or GREAT STUFF™ Pro Gun Cleaner





# Accessories for OCF & 2K LP

OCF Foam Guns



Gun-Hose Assemblies for FROTH-PAK



INSTA-STIK Tanks



Hose&Wand



FROTH-PAK CP-2 FROTH-PAK Mini Hardware Kit

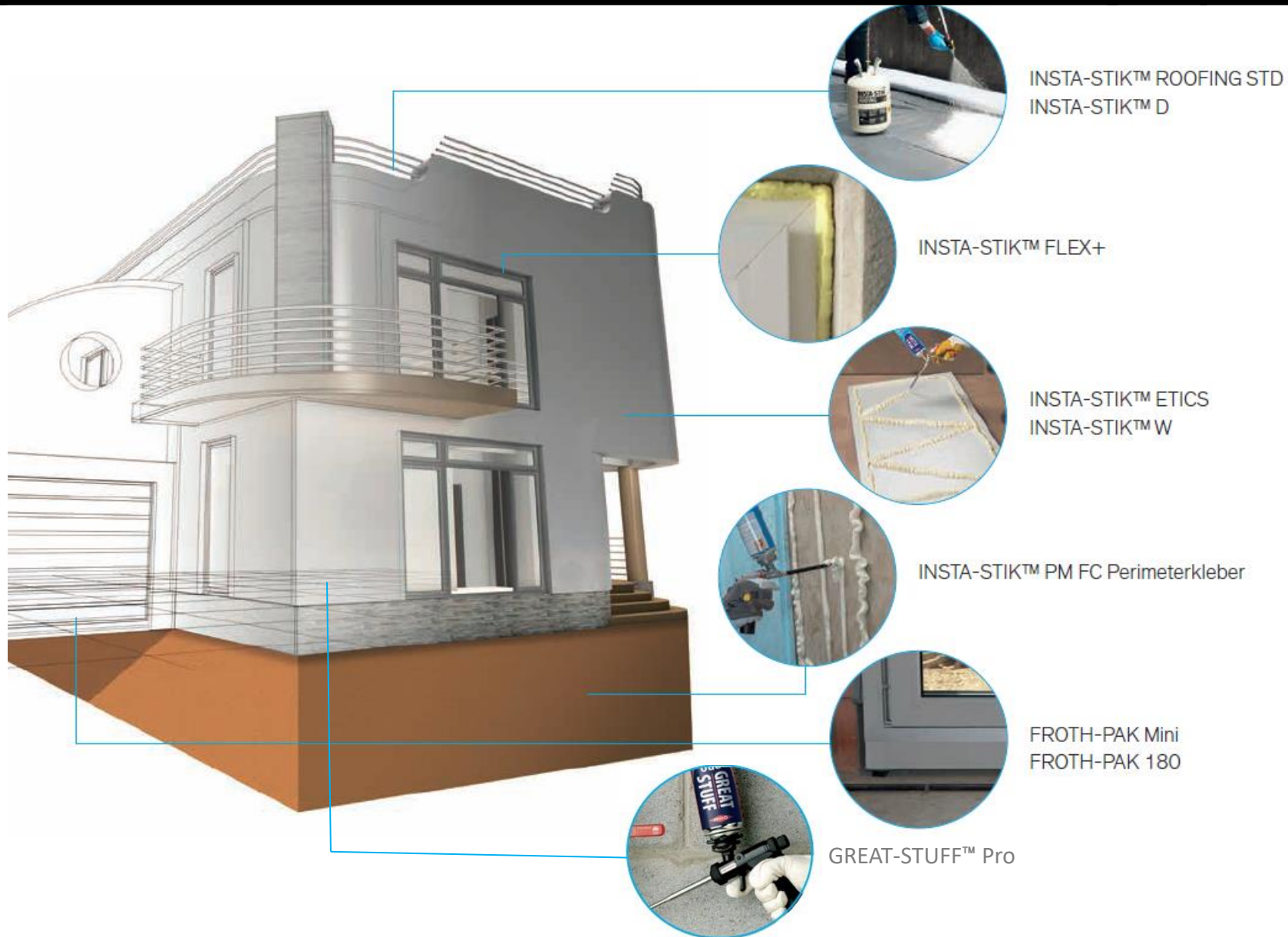


# Product Information

- TDS & Certificates                      SPU share point: <https://workspace.bsnconnect.com/sites/dbseurope/bldgspu/default.aspx>
- SDS and Declaration of Origin              E-Library: <http://www.dow.com/en-us/elibrary>
- CE-Marking Declaration of Performance              [Resource Centre | DuPont UK](#)
- Other technical documents on request or webpage <http://performancebuildingsolutions.dupont.com>



# Building & construction application coverage (spray PU's)





# **DuPont EMEA Accessories (Tapes)**

**Portfolio (2024)**  
**Specifications**  
**Application table**



# Energy and moisture management: 3 important elements

Good insulation  
Good  $\lambda$ -value



Adding wind protection



Zipper  
=  
Tape

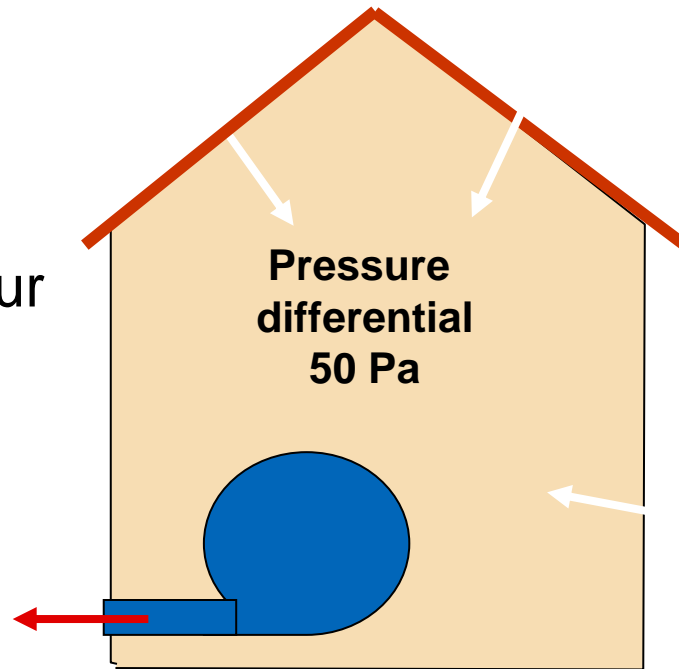
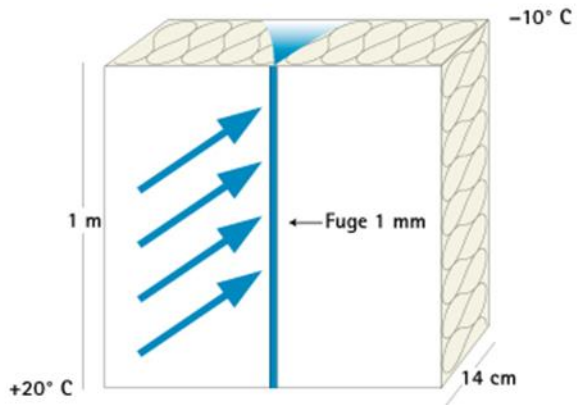


Adding zipper  
for efficient  
wind protection

1. Add insulation in building envelope
2. Install a wind protection to the insulation by using Tyvek®
3. Close overlaps, connections & penetrations by using Tapes

# Air tightness of a building (warm side)

- Volume flow in  $\text{m}^3$  of air per hour per  $\text{m}^2$  of the total building surface area at 50 Pa pressure differential
- EN 13829  
(Blower Door Test)  
ach = air change/hour



**Measurement of  
Volume flow  $V_{50}$**





# How to get an airtight building (warm side)

Use tapes

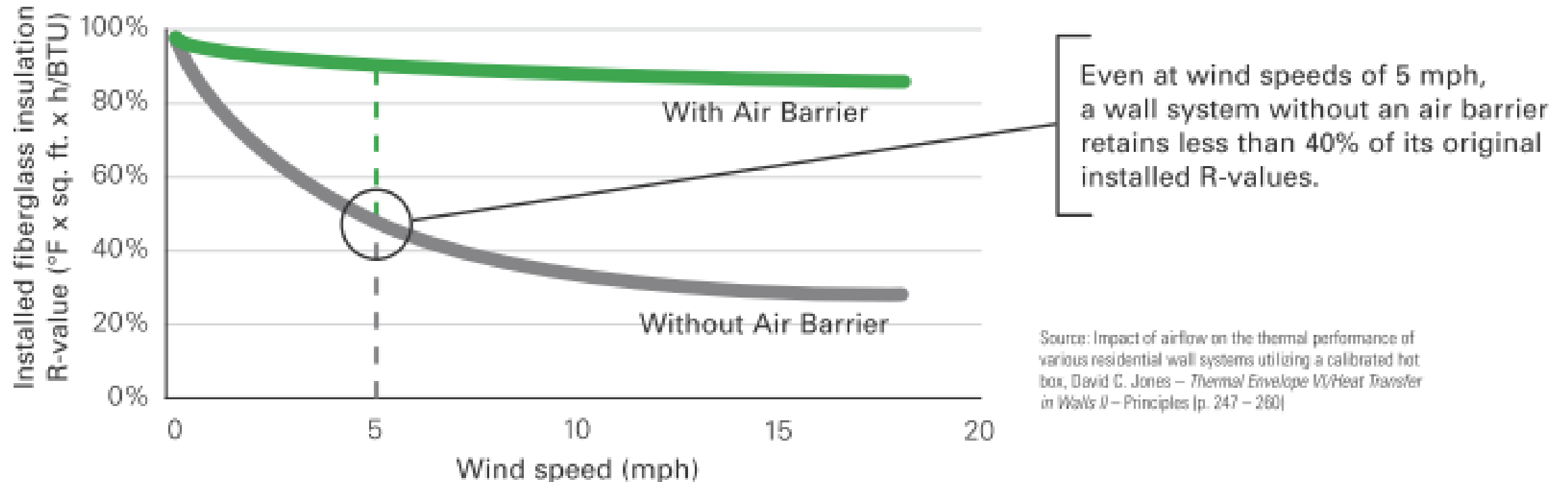
Seal every penetration

Seal every abutment/connection

Seal every overlap

# Get wind washing under control (cold side)

Reducing air flow through the wall and between transitions helps maintain thermal values (insulation R-value).



Source: Impact of airflow on the thermal performance of various residential wall systems utilizing a calibrated hot box, David C. Jones – *Thermal Envelope VI/Heat Transfer in Walls II – Principles* (p. 247 – 260)

## How to get a windtight building (cold side)

Use tapes

Seal every penetration

Seal every abutment/connection

Seal every overlap



# DuPont Tyvek® & AirGuard® accessories





**Tyvek® Tape (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 AirGuard® vapour control layers.
- With a split liner it is ideal to seal the AirGuard® vapour control layer to windows and doors.

Colour	white
2060B - Dimensions / rolls per box	50 mm x 25 m / 12 rolls
2060B - Dimensions / rolls per box	60 mm x 25 m / 10 rolls
2060B - Dimensions / rolls per box	75 mm x 25 m / 8 rolls
2060B with split release liner Dimensions / rolls per box	60 mm x 25 m / 10 rolls
2060B with split release liner Dimensions / rolls per box	100 mm x 25 m / 6 rolls



**Tyvek® Tape Plus (2062B) ..**

- Designed for installations in cold and humid conditions and has excellent adhesion properties with a very strong initial tack.

Colour	white
2062B - Dimensions / rolls per box	60 mm x 25 m / 10 rolls



**Tyvek® Nail Sealing Tape (1310N) •**

- Superior quality PE-foam tape with single-sided adhesive layer
- Designed to seal nail, screw or staple holes below the counter batten
- Improves roof impermeability to rain and storm
- Highly recommended for low-pitched roofs

Colour	black
Dimensions / rolls per box	60 mm x 20 m / 5rolls



**Tyvek® Metallised Tape (2060M) ..**

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

Colour	silver
Dimensions / rolls per box	75 mm x 25 m / 8 rolls



**Tyvek® Plastering Tape (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 block connections – 1 product that fits application outside and inside.

Colour	white
Dimensions / rolls per box	80 mm x 25 m / 6 rolls
Dimensions / rolls per box	150 mm x 25 m / 4 rolls



**AirGuard® Tape (1310V) •**

- High performance airtight vapour control layer overlap tape, that is very flexible, handtearable with a very high tack that sticks on all smooth or rough surfaces such as PE films, spun-bond, wood or PVC.

Dimensions / rolls per box	60 mm x 25 m / 10 rolls
----------------------------	-------------------------

### AirGuard® Sealant (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 and wood.

Capacity / Cartridges per box	310ml / 20
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### Tyvek® Butyl Tape (1311B) ••

- Double-sided butyl based sealant, used to form a moisture and airtight seal between a Tyvek® membrane or an 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, eg. under a timber batten and is recommended for use at perimeters, chimneys, abutments and for sealing nail penetrations and around electrical sockets.

Colour	black
Dimensions / rolls per box	20 mm x 30 m / 8 rolls
Dimensions / rolls per box	50 mm x 30 m / 4 rolls



### Tyvek® UV Façade Tape (1312F) •

- High tack all weather UV resistant tape for stronger sealing of walls and roofs.
  - Especially designed for sealing Tyvek® UV Façade overlaps, penetration and joints in a durable and non-contrasting manner.
  - Designed to resist demanding open joint façade applications. Sticks down to -5°C\*  
**Better tack from increased glue weight\*. Less sensitive to humidity\***
- \* Compared to previous version of Tyvek® UV Façade tape

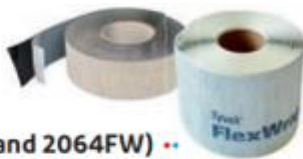
Colour	black
Dimensions / rolls per box	75 mm x 25 m / 8 rolls



### Tyvek® FlexWrap NF and EZ (FLEXNF and 2064FW) ••

- High performance flexible self-adhesive flashing tape.
- Significantly helps in facilitating 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 AirGuard® air and vapour control layers

Colour	white
NF - Dimensions / rolls per box	152 mm x 23 m / 1 roll
EZ - Dimensions / rolls per box	60 mm x 10 m / 3 rolls



### Tyvek® Double-Sided Tape (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.
- Recommended for Tyvek® UV Façade, but suitable for all Tyvek® membranes and AirGuard® vapour control layers.
- The 20 mm version is ideal for temporary fixings of a vapour control layer and limited space detailing.

Colour	transparent
Dimensions / rolls per box	50 mm x 25 m / 12 rolls
Dimensions / rolls per box	20 mm x 25 m / 10 rolls



### AirGuard® A2 FR system Tape (1310FR) ••

- Fire Resistant, single sided tape with A2 Fire class to EN13501-1 when used with our AirGuard® A2 FR AVCL membrane
- Reflective low emissivity when used with our AirGuard® A2 FR membrane for whole surface reflectivity
- High Vapour Resistance

Colour	Silver
Dimension/ rolls per box	75mm x 25m/ 8





# Application table DuPont™ Tyvek® & AirGuard® accessories

Applications		Acrylic tapes										Butyl tapes				Other	
		Tyvek® Acrylic Tape	Tyvek® Acrylic Tape	Tyvek® Acrylic Tape Plus	Tyvek® UV Facades Tape	Tyvek® Metallised Tape	Tyvek® Double Sided Tape	Tyvek® Double sided Tape (20mm)	Tyvek® Window Tape	AirGuard® Tape	AirGuard® A2 FR system tape	Tyvek® Butyl Tape	Tyvek® Butyl Tape	Tyvek® FlexWrap NF	Tyvek® FlexWrap EZ	AirGuard® Sealant	Tyvek® Nail Sealing Tape
		2060B (50/75mm)	2060B (60mm with SL)	2062B (60/100mm)	1312F (75mm)	2060M (75mm)	1310D (50mm)	1310D (20mm)	1310PT (80/150mm)	1310V (60mm)	1310FR (75mm)	1311B (50mm)	1311B (20mm)	FLEXNF (6"/9.5")	2064FW (60mm)	1211S (310ml)	1310N (60mm)
inside		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
outside		X	X	X	X	X	X		X		X	X	X	X	X		X
overlaps and overall repair	Tyvek® underlays for roof (EN13859-1)	●	●	●	●	●	●		●		●	●	●	●	●		●
	Tyvek® underlays for walls (EN13859-2)	●	●	●	●	●	●		●		●	●	●	●	●		●
	Tyvek® UV Facade (EN13859-2 with open joints)				●		●		●		●	●	●	●	●		●
	Tyvek® Trifecta™						●				●						
	AirGuard® VCL except AirGuard® A2 FR AVCL (EN13984)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	AirGuard® A2 FR AVCL (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)	●	●	●	●	●			●	●	●	●	●	●	●		
	Connection of timber studs to wall/ roof													●	●		
	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 *								●					●	●		
	Insulation of building joint																
	Below heavy sliding terrasse doors																
	Temporarily fixing VCL to rafters						●	●				●	●				
	Sealing of wall to floor connections								●					●	●		
	Sealing joints between insulation, plaster, gypsum rigid boards	●	●	●					●					●	●		
	Sealing of metal brackets on wall or floor	●	●	●		●					●						

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

\* necessity for primer application (Yes/No): see under material compatibility and recommended use

# **DuPont Tyvek® & AirGuard® accessories**

**installation videos (airtightness, windtightness and window flashing in building envelope)**

<http://www.energy-efficiency.dupont.com/#/videos>



# DuPont Tyvek® & AirGuard® accessories

(examples for airtightness and windtightness in building envelope)





# DuPont Tyvek® & AirGuard® accessories

(examples for airtightness in window installation)



# Shelter product portfolio overview in EMEA



DuPont™ Tyvek® roofing underlays



DuPont™ AirGuard® Air & Vapour Control membranes



DuPont™ Tyvek® wall underlays



DuPont Accessories (Spray PU foam)



DuPont™ Tyvek® & AirGuard® accessories



DuPont™ Corian® Solid Surfaces





# DuPont™ Tyvek® & AirGuard® portfolio overview

## DuPont™ Tyvek® roofing underlays for pitched roof applications

Tyvek® Supro/ Supro Tape

Tyvek® Pro/ Pro Tape

Tyvek® Solid Silver

Tyvek® Metal

Tyvek® Soft

Tyvek® Solid



Medium to High Occupancy buildings .e.g. Health, Education, Residential ,Commercial, Leisure...

Products and Technical Support for all Building Types from low occupancy, low level buildings to high occupancy, high rise buildings, on-site and off-site construction

## DuPont™ AirGuard® air & vapour control layer (AVCL)

DuPont™ AirGuard® Sd5

DuPont™ AirGuard® Sd23

DuPont™ AirGuard® Reflective

DuPont™ AirGuard® Reflective E

DuPont™ AirGuard® Smart

DuPont™ AirGuard™ A2 FR fire retardant AVCL

(For use in the internal wall lining)



Low Occupancy buildings .e.g. Detached, Semi-detached, Terraced

## DuPont™ Tyvek® & AirGuard® accessories

Tyvek® Acrylic Tape

Tyvek® Metallised Tape

Tyvek® Double Sided Tape

Tyvek® Butyl Tape

Tyvek® UV Facade Tape

Tyvek® Nail Sealing Tape

DuPont™ FlexWrap NF

DuPont™ FlexWrap EZ

DuPont™ AirGuard® Tape

DuPont™ AirGuard® Sealant

Tyvek® Window Tape

DuPont™ AirGuard® FR System Tape



## DuPont™ Tyvek® wall underlays

Tyvek® Housewrap

Tyvek® UV Facade

Tyvek® Soft

Tyvek® Solid

Tyvek® Solid Silver

Tyvek® FireCurb™ breather membrane

Tyvek® FireCurb™ Soft

Tyvek® Trifecta™

(For use in the external wall lining)





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