



# **SUSTAINABILITY THROUGH TECHNOLOGY**

---

## **AIR & WINDTIGHT SYSTEMS**

# ABOUT US

**WANT BETTER QUALITY, ECOLOGICAL BUILDING MATERIALS?**

**DO YOU WANT YOUR DWELLING TO HAVE BETTER QUALITY AIR?**

**WANT TO WORK WITH A COMPANY THAT PUTS 'YOU' AND THE BUILDING FABRIC FIRST?**

Welcome to Partel - High Performance Building supplies and much more. We are established in the UK, Ireland, and recently North America. We have a background in Engineering, Architecture and Building physics. We offer a wide range of high performance exterior/interior sealing tapes and membranes, aimed specifically at the low energy building sector. The company was founded by Hugh Whiriskey in 2011.

Through continuing technological developments we aim to improve the building fabric with the following associated improvements

- Reduce heating/cooling costs
- Avoid related structural damage
- Minimise pollutants for homeowners
- Achieve specified R/U values
- Reduced Noise
- Ventilation systems can achieve maximum efficiency

# WHAT WE OFFER

Partel have found that there is a growing demand for higher quality next generation building products, and believe that the focus will continue to move towards sustainable products.

We also offer customised technical sales and provide support on all of our products from specification advice. We offer WUFI analysis, training, and onsite inspections. We believe we have a lot to offer to the modern architect and builder.

Our product range can be described as next generation using monolithic technology for exterior membranes and tapes that are designed to last a lifetime.

In addition to low energy buildings we have a large number of NZEB, Passivhaus and Enerphit projects on our books which we believe is a reflection of the quality of our products and services.

**WE OFFER VARIED TRAINING INCLUDING OUR RESPECTED FEEST TRAINING SEMINAR.**



# TECHNICAL & WARRANTY

**WE OFFER A 10 YEAR  
LIMITED WARRANTY AND A COMPREHENSIVE  
LIMITED SYSTEM WARRANTY.**

The system warranty applies to the Partel Airtight and Windtight systems. It applies where Partel products are installed in as part of a complete Partel system insofar as Partel products are available. The terms of this warranty varies per region. Please refer to your local website for current information.



WWW.PARTEL.COM  
SALES@PARTEL.COM  
TEL: 888 487 1012



WWW.PARTEL.CO.UK  
SALES@PARTEL.CO.UK  
TEL: 02037 401918



WWW.PARTEL.IE  
SALES@PARTEL.IE  
TEL: 0818 33 33 55



Best Sd value range Humidity variable vapour check on the market, suitable for all insulation types. Variable range 0.4-30 ensures optimum summer drying conditions and winter protection. Optimal air tightness and water vapour transmission rate in different climate conditions.



- Elastic and Durable
- Reinforced for optimum strength
- High performance airtightness and vapour transmission in various types of climate
- Best SD value range on the market.
- Durable towards UV and humidity ageing

**1.5M X 50M=75M<sup>2</sup>**  
**59'-1/16" X 164'-1/2" = 807 SF**

WEIGHT	EN 1849-2	110
SD- VALUE	EN 1931	8
SD VAPOUR VARIABILITY RANGE	EN 1931	0.4 ->30m
PERM VAPOR PERMEANCE	ASTM E96	0.12 – 8.37
SURFACE BURNING CHARACTERISTICS	ASTM E84	CLASS A
REACTION TO FIRE	EN 13501-1	E
TEMP RESISTANCE		-40° TO 80°C -40° F TO 212°F
TENSILE STRENGTH	EN 12311-2	MD 350 / CD 315
NAIL TEAR RESISTANCE	EN 12310-1	MD 350 / CD 375

Partel

# IZOPERM<sup>TM</sup> PLUS

Designed to be compatible with all conventional building systems and all insulations.

Extremely strong and functional performance vapour control layer.



- Elastic and Durable
- Reinforced for optimum strength
- High performance airtightness
- Optimum Sd value for most constructions
- Durable towards UV and humidity ageing

**0.75M X 50M=37.5M<sup>2</sup>**

**1.5M X 50M=75M<sup>2</sup>**  
59'-1/16" X 164'-1/2" = 807 SF

**3M X 50M=150M<sup>2</sup>**  
9' 10-1/3" X 164'-1/2" = 1615 SF

WEIGHT	EN 1849-2	100
SD- VALUE	EN 1931	5
VAPOUR PERMEANCE	ASTM E96	0.69
SURFACE BURNING CHARACTERISTICS	ASTM E84	CLASS A
REACTION TO FIRE	EN 13501-1	E
TEMP RESISTANCE		-40 °C TO 80 °C -40 °F TO 212 °F
TENSILE STRENGTH	EN 12311-2	MD 285 / CD 385
NAIL TEAR RESISTANCE	EN 12310-1	MD 260 / CD 246

Partel

# EXOPERM<sup>TM</sup> WALL

3 -Ply sarking, roof lining and wall membranes with next generation monolithic TEEE functional layer. TEEE layer actively moves moisture to outside. Excellent ageing resistance due to monolithic technology. Integrated tapes in connect versions ensure optimum windtightness.



- Elastic and Durable
- Monolithic technology
- Wind tightness and WRB
- Good UV stability
- Long term resistance to driving rain
- Wind proof but diffusion open

**1.5M X 50M=75M<sup>2</sup>**  
59'-1/16" X 164'-1/2" = 807 SF

**3M X 50M=150M<sup>2</sup>**  
9' 10-1/3" X 164'-1/2" = 1615 SF

WEIGHT	EN 1849-2	97
SD- VALUE	EN ISO 12572-C	0.1
VAPOUR PERMEANCE	ASTM E96	31.20
SURFACE BURNING CHARACTERISTICS	ASTM E96	CLASS A
REACTION TO FIRE	EN 13501-1	E
EXPOSURE TIME		3 MONTHS
WATER RESISTANCE	EN1928	W1
TEMP RESISTANCE		-40 °C TO 80 °C -40 °F TO 212 °F
RESISTANCE TO DRIVING RAIN		PASSED
TENSILE STRENGTH	EN 12311-2	MD 225 / CD 150
NAIL TEAR RESISTANCE	EN 12310-1	MD 115 / CD 150

Partel

**EXOPERM™ 150**  
**ROOF**

Partel

**EXOPERM™ 150**  
**ROOF CONNECT**

3 -Ply sarking, roof lining and wall membranes with next generation monolithic TEEE functional layer. TEEE layer actively moves moisture to outside. Excellent ageing resistance due to monolithic technology. Integrated tapes in connect versions ensure optimum windtightness.

- Elastic and Durable
  - Monolithic technology
  - Wind tightness
  - Optimum UV stability
  - Long term resistance to driving rain
  - Wind proof but diffusion open
  - Available with integrated tapes on both sides
- See 'Connect' version

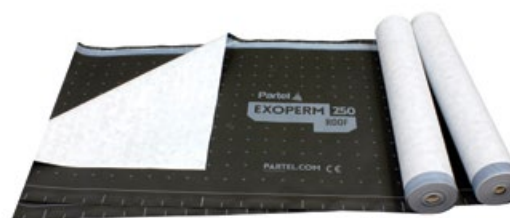
**1.5M X 50M=75M<sup>2</sup>**  
**59'-1/16" X 164'-1/2" = 807 SF**

WEIGHT	EN 1849-2	145
SD- VALUE	EN ISO 12572-C	0.1
VAPOUR PERMEANCE	ASTM E96	31.20
SURFACE BURNING CHARACTERISTICS	ASTM E96	CLASS A
REACTION TO FIRE	EN 13501-1	E
RESISTANCE TO DRIVING RAIN		PASSED
WATER RESISTANCE	EN1928	W1
TEMP RESISTANCE		-40 °C TO 80 °C -40 °F TO 212 °F
TENSILE STRENGTH	EN 12311-2	MD 270 / CD 210
NAIL TEAR RESISTANCE	EN 12310-1	MD 200 / CD 220
MINIMUM ROOF SLOPE		10°

Partel

**EXOPERM™ 250**  
**ROOF**

Partel

**EXOPERM™ 250**  
**ROOF CONNECT**

3 -Ply sarking, roof lining and wall membranes with next generation monolithic TEEE functional layer. TEEE layer actively moves moisture to outside. Excellent ageing resistance due to monolithic technology. Integrated tapes in connect versions ensure optimum windtightness.

- Elastic and Durable
  - Monolithic technology
  - Ideal wind tightness and vapour transmission
  - Optimum UV stability
  - Long term resistance to driving rain
  - Wind proof but diffusion open
  - Available with integrated tapes on both sides
- See 'Connect' version

**1.5M X 50M=75M<sup>2</sup>**  
**59'-1/16" X 164'-1/2" = 807 SF**

WEIGHT	EN 1849-2	230
SD- VALUE	EN ISO 12572-C	0.07
VAPOUR PERMEANCE	ASTM E96	42.90
SURFACE BURNING CHARACTERISTICS	ASTM E96	CLASS A
REACTION TO FIRE	EN 13501-1	E
RESISTANCE TO DRIVING RAIN		PASSED
WATER RESISTANCE	EN1928	W1
TEMP RESISTANCE		-40 °C TO 80 °C -40 °F TO 212 °F
TENSILE STRENGTH	EN 12311-2	MD 530 / CD 420
NAIL TEAR RESISTANCE	EN 12310-1	MD 330 / CD 410
MINIMUM ROOF SLOPE		10°

Partel

**CONIZO™ SL 60**

PARTEL.COM

**AIRTIGHT JOINING  
OF VAPOUR  
CONTROL LAYERS.****INTERNAL USE.**

- Split release backing for quick installation
- High performance airtight tape
- Water repelling carrier
- Acrylic adhesive with excellent ageing resistance
- Extremely stable
- Internal use for sealing windows, doors and corners
- Design life = lifetime\*

**60MM X 40M**  
**(2-3/8" X 131'3")**

\* Adhesion: Before sticking tapes the surface should be clean and dry, water repelling substances are not suitable for adhesion. Use Primers (Acraprime) on porous or masonry surfaces. Adhesion is assured on all Partel membranes, planed timber, painted timber, plastics and metals. The more suitable the surface for adhesion the better the results, Folds, creases or substrate issues impact on the system. It is the responsibility of the applicator to perform adhesion tests prior to proceeding - where required. It is necessary to apply pressure using Partel 'Helping Hand' applicator. Tapes are not designed for tensile strains.

Partel

**CONIZO™**

PARTEL.COM

**AIRTIGHT JOINING  
OF VAPOUR  
CONTROL LAYERS.****INTERNAL USE.**

- High performance airtight tape
- Water repelling carrier
- Acrylic adhesive with excellent ageing resistance
- Extremely stable
- Internal use for overlap connections
- Design life = lifetime\*

**60MM X 40M**  
**(2-3/8" X 131'3")**

Partel

**CONIZO™ 160****PATCH****PATCH FOR AIRTIGHT  
SEALING. INTERNAL USE.**

- Airtight seal for injection holes
- High performance airtight tape
- Water repelling carrier
- Acrylic adhesive with excellent ageing resistance
- Extremely stable
- Design life = lifetime\*

**160MM X 160MM**  
**X 125 UNITS**  
**(6-5/16" X 6-5/16" X 2 UNITS)**

Partel

**VARASeal™**

PARTEL.COM

**AIR & WINDTIGHT SEALING  
OF WINDOWS, DOORS  
& CORNERS.****INTERNAL & EXTERNAL USE.**

Partel

**CONEXO™**

PARTEL.COM

**JOINING OF MEMBRANES,  
TIMBER & METALS.****INTERNAL & EXTERNAL USE.**

✓ CAN BE PLASTERED    ✓ MOISTURE VARIABLE

- Split release backing for quick installation
- High performance airtight tape
- Acrylic adhesive with excellent ageing resistance
- Extremely stable,
- Design life = lifetime\*



- High performance airtight tape
- Water repelling carrier
- Acrylic adhesive with excellent ageing resistance
- Reinforced with elasticity
- Adheres to timber, masonry, concrete, pvc, metal and Partel membranes
- Design life = lifetime\*

**80MM X 25M**  
(3-1/8" X 82')

**150MM X 25M**  
(5 7/8" X 82')

**200MM X 25M**  
(7 7/8" X 82')

**60MM X 25M**  
(2-3/8" X 82')

\* Adhesion: Before sticking tapes the surface should be clean and dry, water repelling substances are not suitable for adhesion. Use Primers (Acraprime) on porous or masonry surfaces. Adhesion is assured on all Partel membranes, planed timber, painted timber, plastics and metals. The more suitable the surface for adhesion the better the results, Folds, creases or substrate issues impact on the system. It is the responsibility of the applicator to perform adhesion tests prior to proceeding - where required. It is necessary to apply pressure using Partel 'Helping Hand' applicator. Tapes are not designed for tensile strains.

\* Adhesion: Before sticking tapes the surface should be clean and dry, water repelling substances are not suitable for adhesion. Use Primers (Acraprime) on porous or masonry surfaces. Adhesion is assured on all Partel membranes, planed timber, painted timber, plastics and metals. The more suitable the surface for adhesion the better the results, Folds, creases or substrate issues impact on the system. It is the responsibility of the applicator to perform adhesion tests prior to proceeding - where required. It is necessary to apply pressure using Partel 'Helping Hand' applicator. Tapes are not designed for tensile strains.



Partel

**CONEXO™ SL**

PARTEL.COM

**JOINING OF MEMBRANES,  
TIMBER & METALS.****INTERNAL & EXTERNAL USE.**

- Split release backing for quick installation
- High performance airtight tape
- Water repelling carrier
- Acrylic adhesive with excellent ageing resistance
- Reinforced with elasticity
- Adheres to timber, masonry, concrete, pvc, metal partel membranes
- Design life = lifetime\*

**60MM X 25M**  
(2-3/8" X 82')**100MM X 25M**  
(3-7/8" X 82')

\* Adhesion: Before sticking tapes the surface should be clean and dry, water repelling substances are not suitable for adhesion. Use Primers (Acraprime) on porous or masonry surfaces. Adhesion is assured on all Partel membranes, planed timber, painted timber, plastics and metals. The more suitable the surface for adhesion the better the results, Folds, creases or substrate issues impact on the system. It is the responsibility of the applicator to perform adhesion tests prior to proceeding - where required. It is necessary to apply pressure using Partel 'Helping Hand' applicator. Tapes are not designed for tensile strains.

Partel

**EXOSEAL™**

PARTEL.COM

**HIGH PERFORMANCE WATER  
& AIRTIGHT CONNECTION  
WITH HIGH TACK.****INTERNAL & EXTERNAL USE.**

- Flexible - adapts to most surfaces & angles
- High Adhesion
- Suitable to form Parapets, Sills and
- Provides high quality sealing from Damp/Moisture
- Lifetime flexibility
- Butyl rubber base tape

**GENERAL INFORMATION**

- Solvent free
- High Adhesive and shear strength
- Water resistant
- Outdoor exposure - 3 months
- Lowest VOC in hazardous substance test
- Temperature range -40 to 90'
- Modified butyl

**200MM X 20M**  
(7 7/8" X 65 6/8")



Partel

**BUTAFLEX™**

PARTEL.COM

**HIGH PERFORMANCE WATER  
& AIRTIGHT CONNECTION  
WITH HIGH TACK**

INTERNAL &amp; EXTERNAL USE.



- Flexible - adapts to most surfaces & angles
- High Adhesion
- Multi purpose air/water seal for services.
- Provides high quality sealing from Damp/Moisture
- Lifetime flexibility

**GENERAL INFORMATION**

- Solvent free
- High Adhesive and shear strength
- Water resistant
- Outdoor exposure - 3 months
- Lowest VOC in hazardous substance test
- Temperature range -40 to 90°

**50MM X 5M**  
(2" X 16'-5")

Partel

**KABSEAL™**

PARTEL.COM

**SEALING  
GROMMIT**

Manufactured from flexible high quality quality modified butyl with acrylic adhesive. Used to seal cable and pipe penetrations.

- Fast and accurate airtight sealing of penetrations
- Temperature resistance -40'to 120'
- Extremely flexible - Moulds to shape of pipe or cable
- Acrylic adhesive with excellent ageing resistance
- Extremely stable,
- Design life = lifetime\*

**150\*150**    **PACKS OF 5 FOR HOLE SIZES 6-10MM**  
**(5/16"X5/16" FOR HOLE SIZE 1/4" TO 3/8")**

**150\*150**    **PACKS OF 5 FOR HOLE SIZES 15-30MM**  
**(5/16"X5/16" FOR HOLE SIZE 9/16" TO 1 3/16")**

**180\*180**    **PACKS OF 2 FOR HOLE SIZES 50-90MM**  
**5/16"X5/16" FOR HOLE SIZE 2" TO 3 3/4)**

\* Adhesion: Before sticking tapes the surface should be clean and dry, water repelling substances are not suitable for adhesion. Use Primers (Acraprime) on porous or masonry surfaces. Adhesion is assured on all Partel membranes, planed timber, painted timber, plastics and metals. The more suitable the surface for adhesion the better the results, Folds, creases or substrate issues impact on the system. It is the responsibility of the applicator to perform adhesion tests prior to proceeding - where required. It is necessary to apply pressure using Partel 'Helping Hand' applicator. Tapes are not designed for tensile strains.



# ACRABOND™

LIQUID ADHESIVE

## SOLVENT FREE MULTIPURPOSE JOINT ADHESIVE FOR AIRTIGHT CONNECTIONS



- Solvent free
- Durable flexible
- Ageing resistant
- High adhesion to most surfaces
- Airtight connections to DIN 4108
- Odourless
- Store and transport frost free
- French VOC - emission class A+

### FIELDS OF APPLICATION

- Indoor usage for airtight connections of airtight membranes including Partel Vara and Izoperm to DIN 4108
- Suitable for plaster, untreated wood, concrete, stone, moisture and vapour barriers.
- Surfaces must be clean, dry and free of dust and grease
- One surface must always be absorbent
- Not suitable for Sauna and swimming pool

**CONTENTS:  
310ML & 600ML**



# ACRALINE™

PARTEL.COM

## ADHESIVE ON ROLL INTERNAL USE.



- High performance adhesive on a roll with consistent thickness
- Immediate adhesive strength - no drying time
- For bonding partel membranes to different substrates
- Application temperature -10°C to + 80°C (14°F-176°F)
- Can be repositioned
- Ageing resistant & permanently flexible
- Designed life 100 years\*

\*Refer to warranty data and processing sheets for complete details.

### GENERAL INFORMATION

- Solvent free
- Bonds to concrete, masonry, wood, Plasterboards etc.
- High adhesive and high shear strength
- VOC free
- Adhesion to DIN EN 1939 N/25mm

**9/25MM WIDE.  
3.75MM DEEP.  
8M LONG.  
(1"/3/8" WIDE, 26'3" LONG)**

\* Adhesion: Before sticking tapes the surface should be clean and dry, water repelling substances are not suitable for adhesion. Use Primers (Acraprime) on porous or masonry surfaces. Adhesion is assured on all Partel membranes, planed timber, painted timber, plastics and metals. The more suitable the surface for adhesion the better the results, folds, creases or substrate issues impact on the system. It is the responsibility of the applicator to perform adhesion tests prior to proceeding - where required. It is necessary to apply pressure using Partel 'Helping Hand' applicator. Tapes are not designed for tensile strains.

Partel

**ACRAPRIME™**

PARTEL.COM

## ACRYLIC PRIMER FOR PRE-TREATMENT OF POROUS SURFACES

INTERNAL & EXTERNAL USE.



### USAGE/INSTRUCTIONS FOR USE\*:

ACRAPRIME is used as a primer for porous surfaces like wooden fibreboards, concrete or masonry. Apply Acraprime with a paint brush and allow to dry for 10-30 minutes (depending on temperature). Apply Partel tapes or adhesive products afterwards using some pressure.

### TECHNICAL SPECIFICATIONS

Contents	1000ml
Storage stability	2 years
Processing temperature	-40°C to +90°C (-40°F - +194°F)
Material	Dispersion based on polyacrylate

\* Adhesion: Before sticking tapes the surface should be clean and dry, water repelling substances are not suitable for adhesion. Use Primers (Acraprime) on porous or masonry surfaces. Adhesion is assured on all Partel membranes, planed timber, painted timber, plastics and metals. The more suitable the surface for adhesion the better the results, folds, creases or substrate issues impact on the system. It is the responsibility of the applicator to perform adhesion tests prior to proceeding - where required. It is necessary to apply pressure using Partel 'Helping Hand' applicator. Tapes are not designed for tensile strains.

Partel

**HELPINGHAND™**

PARTEL.COM

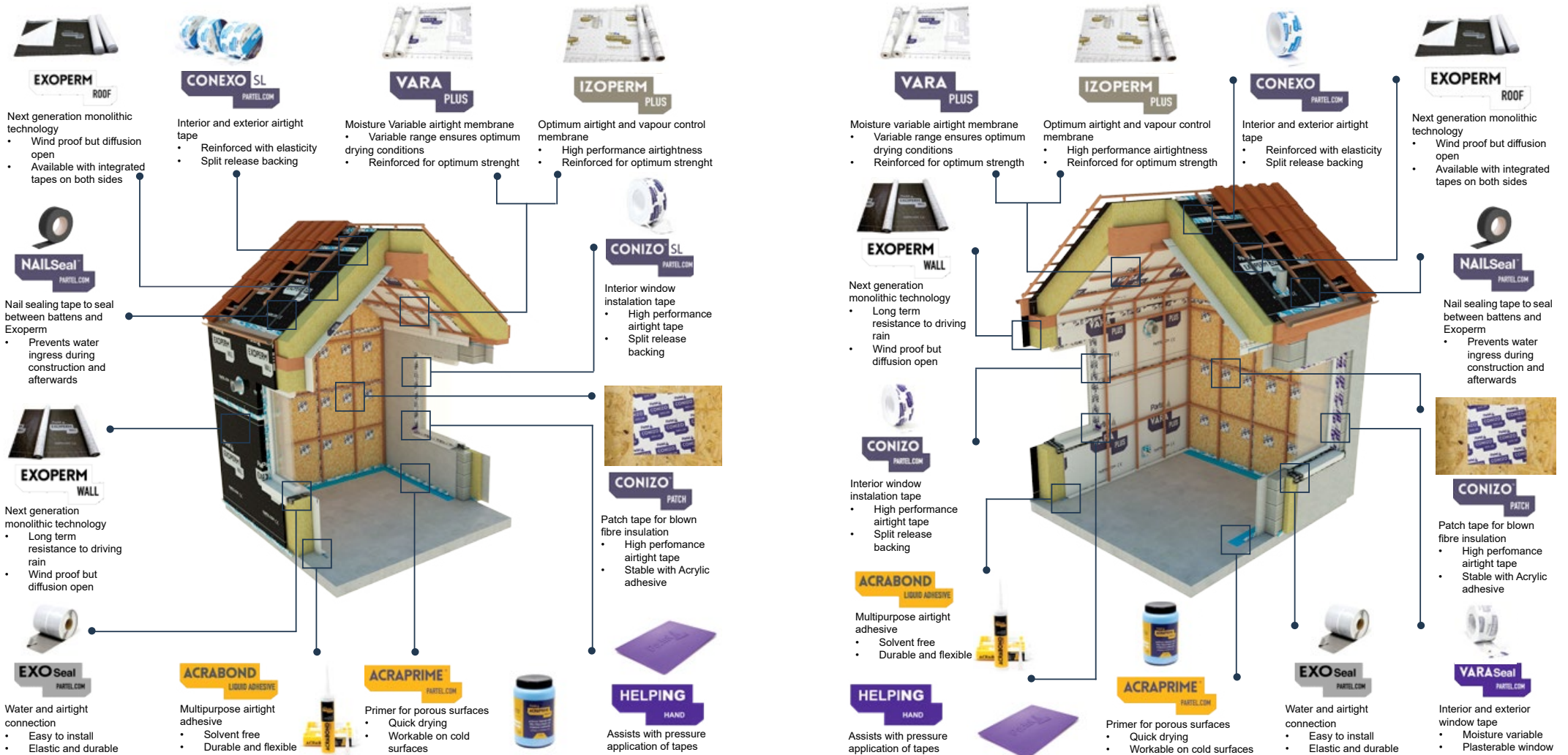
## HIGH QUALITY TAPE PRESSURE APPLICATOR



- All weather
- Extremely durable and flexible
- Consistent and prevents creases
- Tapered edges

## 100MM\*80MM\*2MM

# PRODUCTS OVERVIEW





**WWW.PARTEL.COM**  
**SALES@PARTEL.COM**  
**TEL: 888 487 1012**



**WWW.PARTEL.CO.UK**  
**SALES@PARTEL.CO.UK**  
**TEL: 02037 401918**



**WWW.PARTEL.IE**  
**SALES@PARTEL.IE**  
**TEL: 0818 33 33 55**

PRODUCED BY:

**PARTEL**  
**CLAREGALWAY CORPORATE PARK,**  
**CLAREGALWAY, CO. GALWAY,**  
**IRELAND. H91 R85P**  
**TEL: 0818 33 33 55**



**Partel**

Sustainability Through Technology



---

**FOLLOW US ON**  
**TWITTER | FACEBOOK | SNAPCHAT | LINKEDIN**