

## **EXPERTS IN WATERPROOFING**







CERTIFICATION

0

11

TRADE COUNTER

QUALITY PRODUCTS



## Housing Development by Laydex Roofing Division



## For all Roofing and Waterproofing

# Requirements contact our expert team in Laydex Roofing Solutions

For further information on products used for this project, visit **www.laydex.ie** to contact our teams directly.

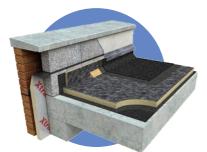


### **EXPERTS IN WATERPROOFING**

**Dublin** +353 01 642 6600 sales@laydex.ie Belfast +44 28 9038 2223 sales@laydex.com









Aluminium Faced	
Glass Tissue Faced	
Bitumen Glass Tissue Faced	



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Insulation Glue
Primer
Fleece Backed
Hoses & Guns

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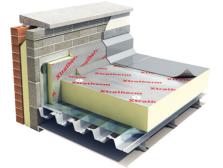
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## **PIR Insulation**

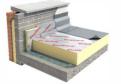
**Aluminium Faced** 



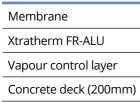
#### **XTRATHERM FR/ALU**

Insulation for Mechanically Fixed Single Ply Waterproofing Systems. High performance foil faced Polyisocyanurate (PIR) insulation with a certified thermal conductivity as low as 0.022 W/mK.

#### **Construction - U-Value Tables**









Membrane

Metal deck (0.7mm)



Membrane

Xtratherm FR-ALU

Plywood deck (18mm)

Air layer between joists (150mm)

Plasterboard (12.5mm)

THICKNESS	U-VALUE
100mm	0.20
110mm	0.19
120mm	0.17
140mm	0.15
150mm	0.14

THICKNESS	U-VALUE
100mm	0.21
110mm	0.20
120mm	0.18
140mm	0.16
150mm	0.15

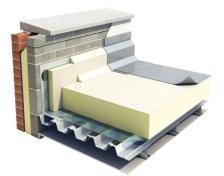
THICKNESS	U-VALUE
100mm	0.21
110mm	0.20
120mm	0.18
140mm	0.16
150mm	0.15

The U value indicated are indicative and are provided as guidance only. U-Values for the FR-ALU are based on the specific construction in which the product is installed and should be verified.



#### **PIR Insulation**

### Glass Tissue Faced



#### **XTRATHERM FR/MG**

Insulation for Single Ply Fully Adhered / Partially Bonded Built-Up Felt Systems

#### **Construction - U-Value Tables**





Membrane Xtratherm FR-MG Vapour control layer Concrete deck (200mm)



Xtratherm FR-MG

Vapour control layer

Metal deck (0.7mm)



Membrane

Xtratherm FR-MG

Plywood deck (18mm)

Air layer between joists (150mm)

Plasterboard (12.5mm)

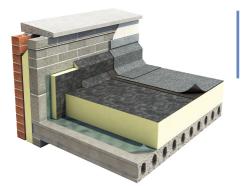
THICKNESS	U-VALUE
100mm	0.22
110mm	0.21
120mm	0.19
140mm	0.16
150mm	0.15

THICKNESS	U-VALUE
100mm	0.23
110mm	0.21
120mm	0.20
140mm	0.17
150mm	0.16

THICKNESS	U-VALUE	
100mm	0.24	1
110mm	0.22	1
120mm	0.20	1
140mm	0.17	1
150mm	0.16	1

The U value indicated are indicative and are provided as guidance only. U-Values for the FR-ALU are based on the specific construction in which the product is installed and should be verified.

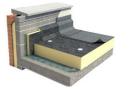
## Bitumen Glass Tissue Faced



#### **XTRATHERM FR/BGM**

Insulation for Partially Bonded, Torched-on, Built-up Bituminous Felt Systems

#### **Construction - U-Value Tables**





FR-BGM

Vapour control layer

Concrete deck (200mm)



Membrane

FR-BGM

Vapour control layer

Metal deck (0.7mm)



THICKNESS	U-VALUE	
100mm	0.24	_
110mm	0.22	_
120mm	0.20	
140mm	0.17	-
150mm	0.16	



Membrane

FR-BGM

Plywood deck (18mm)

Air layer between joists (150mm)

Plasterboard (12.5mm)

THICKNESS	U-VALUE
100mm	0.22
110mm	0.21
120mm	0.19
140mm	0.16
150mm	0.15

The U value indicated are indicative and are provided as guidance only. U-Values for the FR-ALU are based on the specific construction in which the product is installed and should be verified.

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## Howth Yacht Club by Laydex Roofing Division

### FEATURED PRODUCTS

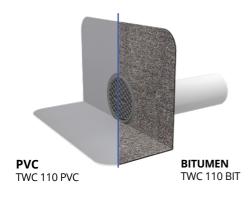
XTRATHERM FR ALU Insulation RESITRIX Waterproofing Membrane RENOLIT ALKORPLAN F 35726 -Blue & Bright White Finish

LAYDEX Roofing Solutions EXPERTS IN WATERPROOFING

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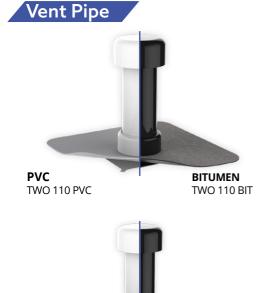
## **Outlets for Bitumen & PVC Materials**

### Parapet Outlets



#### **ROUND GUTTER SPOUT**

The round gutter spout with an integrated sleeve of a modified bitumen strip OR with an integrated sleeve of PVC membrane and a leaf guard. Length 600 mm, option of extension up to 2000mm on request.



**PVC** 

TWOP 110 PVC

#### **ROOF VENT PIPE WITH HOOD**

The roof vent with an integrated sleeve of PVC membrane OR with an integrated sleeve of a modified bitumen strip, including a rain cap. Height 300mm, option of extension up to 2000mm on request.

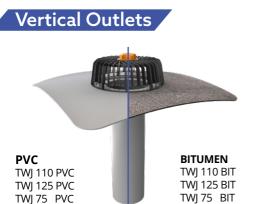
## SANITATION SEWERAGE VENT PIPE WITH HOOD

For connection to vent piping with an integrated sleeve of a modified bitumen strip OR PVC membrane, including a rain cap. A height above insulation of 300mm, a height below insulation of 200mm, option of extension up to 2000mm on request.

### **10** Outlets for Bitumen & PVC materials

BITUMEN

TWOP 110 BIT



#### VERTICAL ROOF OUTLET

The extended single-wall roof outlet with an integrated bitumen sleeve OR PVC sleeve with a leaf guard. Single-wall, length option on request.

Swan Neck for Cable Access



#### SWAN NECK FOR CABLES

The penetrations for cables with an integrated bitumen sleeve OR with an integrated sleeve of PVC membrane. Height above insulation 300mm, depth under insulation 200mm, option of extension up to 2000mm on request.





TWLEAF

The leaf guard for roof outlets and outlet attachments. Suitable for outlets up to DN 125, from polyamide PA6, black colour.

## **Spray Adhesives**

## Insulation Glue

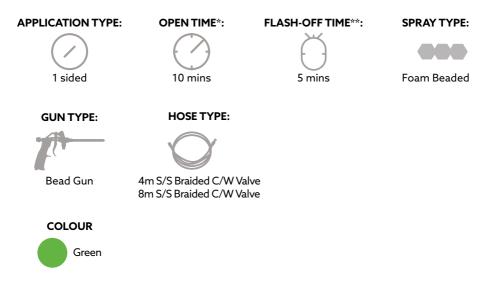


Square metre coverage (m<sup>2</sup>):



#### **QDEK 3001 LOW TEMP PU ROOF INSULATION ADHESIVE**

A single-part moisture-cure urethane foam adhesive designed specifically for bonding insulation boards in flat roof applications. Successful bonds are achieved when bonding ISO boards, tissue faced insulation boards, PIR and PUR boards to a variety of roof decks including concrete, plywood and cementitious boards. QDEK® 3001 also works with EPS or XPS (expanded and extruded polystyrene) and will adhere insulation boards to existing felt for re-roof applications.



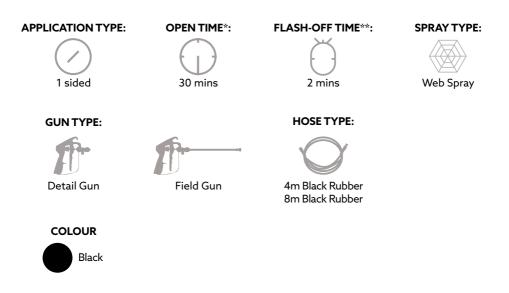


### Primer



#### **QDEK 2400 SELF ADHESIVE MEMBRANE PRIMER**

A solvent based primer based on synthetic rubber and resins, and is specifically designed for use with all self-adhesive membranes and vapour barriers. QDEK® 2400 Membrane Primer can be applied to metallic substrates, bituminous materials, wood based materials, and insulation boards. QDEK® 2400 once applied to the roof deck, is dry within 1-2 minutes and can be walked on without transfer to the soles of safety tools.

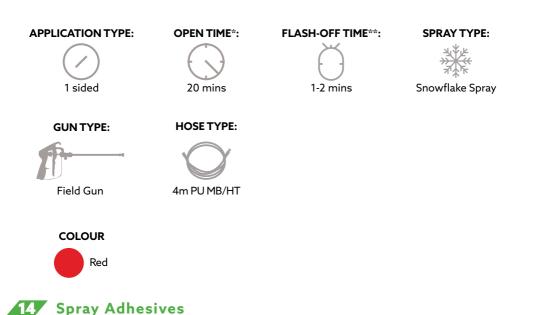


## Fleece Backed



#### **QDEK 2352 NC FLEECE-BACKED SINGLE SIDED FIELD AREA ADHESIVE**

QDEK® 2352 is a non-chlorinated, polyurethane spray adhesive, designed to be applied single sided to the roof deck only. It has been specifically designed for bonding all fleecebacked single ply membranes including TPO/FPO, EPDM and PVC, to various roof decks such as insulation boards, concrete, plywood, cementitious boards and existing asphalt/bituminous surfaces. QDEK® 2352 sprays in a unique snowflake spray pattern, designed to give a slight foaming efffect to droplets on the surface so that the adhesive keys with the fleece or scrim backing in the membranes for optimum adhesion performance.



### Hoses & Guns





This standard rubber coated hose is highly flexible, and won't wear out after repeated uses. Use the 4m and 8m spray hose in heavy industrial situations and you'll enjoy great and consistent performance. Even when used day-in and day-out, the hose will maintain excellent flexibility and durability. And with an 8m length, it's suitable for almost any adhesive job.



#### STAINLESS STEEL BRAIDED HOSE WITH VALVE 4 & 8 METRE

Sometimes you need a spray hose with added durability and strength. Enter our 4M/8M spray hose with a stainless steel braided valved C/W valve, designed specifically for Tensor products. With this stainless steel braided valved C/W valve spray hose, you'll enjoy durability and high-quality results for any adhesive job



#### **QDEK DETAIL GUN**

Designed for applying adhesive onto smaller areas where close attention to adhesive coat weight is critical prior to the bonding of waterproofing membrane or self-adhesive VCL's.



#### **QDEK FIELD SPRAY GUN**

Used for applying adhesive across large field areas. The long wand eliminates the need for users to bend/kneel down whilst applying adhesive.

## **Roof Trims**

Improve Edge Detail Work on Flat Roofs. Easy fit roof trims will simplify edge detail on flat roofs. Once installed they will secure the membrane to the roof edge and improve the overall appearance of the roof.

## Parapet Edge Trims



### **Termination Bars**



## **Counter Flashing Bars**





**Aluminium Roof Trims** 

## **Liquid Trims**



## Green Roof Gravel Trims









## **GRP Roof Trims**



#### SIMPLIFY & IMPROVE EDGE DETAIL WORK ON FLAT ROOFS

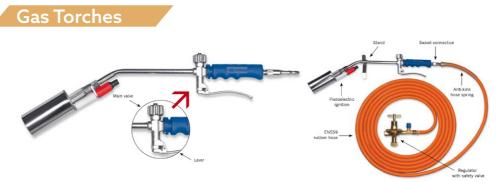
Easy fit roof trims will simplify edge detail on flat roofs. Once installed they will secure the membrane to the roof edge and improve the overall appearance of the roof.





#### LEISTER TRIAC ST - HOT AIR GUN

An intelligent heat gun suited for job sites that require plastic to be welded and/or molded. Designed to meet the demands of experts in various industries: With the intelligent e-Drive control unit, regulation of temperature settings between 40 and 620 °C (104 - 1148 °F) and the air volume can be achieved independently. The digital display shows the current setting values. This high-quality manual welding device is designed to weld and mold a variety of plastics.



#### **CALLONI GAS TORCHES**

This torch has been specifically designed and made for the application of modified bitumen membranes. Thanks to its powerful flame, this torch allows very good performances and a high output. It has been designed paying the utmost attention to safety, health and environment, also taking into consideration ergonomic factors and noise levels. The whole range is available both in the standard version and with optional accessories.

#### 18 Tools

### Rollers





40mm sicilone roller with ergonomic wooden handle. Stainless steel (Penny) wheel with a ball bearing mechanism.



#### **BRASS CORNER ROLLER**

6mm brass material tool with ergonomic wooden handle to weld awkward details .

#### WELD TESTING PROBE

Tool to check the welded seams with rubber handle - Single Ply Flat Roof EPDM/TPO/PVC Weld

## **BATTEN DOWN THE HATCHES**

with BOND IT Bitumen and Weatherproofing Products



## Accessories

## Adhesives



#### BOND IT BITUMEN PRIMER

Highly Penetrative, Bituminous Priming Solution for priming surfaces prior to the application of bituminous materials and flashing tapes.



#### **BOND IT BITUMEN PAINT**

Solvent-Borne, Bituminous Black Paint for the waterproofing and weather protecting of steelwork and concrete. Protection of many building materials.



#### BOND IT TROWEL MASTIC

Multi-Purpose, Trowel Grade Material for Waterproofing, Stopping, Bedding, Pointing and Sealing. Ideal for filling cracks and holes and cures to give a strong compound.



#### BOND IT ALUMINIUM SOLAR REFLECTIVE PAINT

A light/heat reflective coating. Providing protection against heat gain and solar degradation. Suitable for the refurbishment of aged steel roofs.



#### BOND IT ALL WEATHER ROOFING COMPOUND

General purpose waterproof coating for all common roofing surfaces including mastic asphalt, roofing felt, corrugated iron, cement, slates, lead, copper, tin and zinc.



#### BOND-IT RUBBER BITUMEN EMULSION

Resistant to extreme heat and cold. A solventfree, rubberised bitumen emulsion which dries to a tough, black coating providing a highly effective cold-applied, damp-proof membrane in sandwich constructions.



#### BOND IT SELF ADHESIVE FLASHING TAPE

Self-Adhesive Flashing Tape for General Repairs and Sealing. Designed for use as flashing on flat and pitched roofs, on parapets and chimney stacks.



#### ROOF-MATE ROOF & GUTTER SEALANT

A polymerically reinforced lap jointing sealant and adhesive used to prevent leaks in gutters and downpipes. Forms a flexible seal.



#### **BOND IT MEGA STIK**

bond it

PU adhesive for installing insulation boards, plasterboard and roof decking. The cured adhesive is an excellent heat insulator.





#### **GRIPBOND PRO**

A fast bonding, multi-purpose, non-slumping, instant grab adhesive with good gap-filling properties even on uneven surfaces.

# PRORANGE

PROFESSIONAL PRODUCTS MADE BY PERFECTIONISTS USED BY CRAFTSMEN



#### BOND IT ASTRO PRO

Artificial Grass Adhesive Seaming Tape

A laminated geotextile seaming tape for jointing artificial grass carpets. Strong, rot resistant and impervious to moisture, Astro Pro Seaming Tape consists of two plies of non-woven fabric bonded together with a strong adhesive. The back layer is smooth and waterproof whilst the surface face has a more open structure to aid bonding.

#### **BOND IT ASTRO PRO**

Artificial grass adhesive. A tough, elastic hybrid seaming adhesive for the installation of artificial grass surfaces. A superior adhesive suitable for use inside and out, in all weather conditions. Has excellent bonding properties even on wet surfaces. Simple application; Ideal for maintenance and repair work.

## Artificial grass the preferred choice over natural grass throughout Ireland.

Get specialist advice on our full range of **high-quality artificial grass.** Contact our team at **sales@laydex.ie** 



### Silicones



#### BOND IT HT30

Acetic curing silicone specifically designed for high temperature use, it is UV resistant and weatherproof.

After curing HT30 will resists temperatures of 250°C permanently.



#### ULTI-MATE BUILDERS SILICONE

Low modulus neutral cure builders silicone sealant.

Suitable for internal and external applications. Primer-less adhesion to most construction materials and remains flexible for up to 25 years.



#### **RENOLIT ALKORSEAL**

High quality construction silicone. Alkorseal has good adhesion to concrete, brickwork, metals and many other materials. Complementing the durability of the Renolit waterproofing system.

### Expanding Foam



#### **BOND IT B3 FOAM**

B3 grade expanding polyurethane foam.

Quick, economic and easy to apply. Improves draught and heat insulation, fills irregular gaps, fixes framework and deadens sound.



**BOND IT MEGA FOAM** 

PU expanding foam gun and aerosol in one can.

Quick, economic and easy to apply for fitting doors, windows and insulating pipes and filling gaps. Can be used at any angle through 360°.

### PU Foam Gun



**PROFESSIONAL GUN** 

Top quality metal guns for use with gun grade PU expanding foams and adhesives.

## Helasto Ring & Levellers



#### **HELASTO RING & LEVELLERS**

Support ring for concrete pavers with leveling adjustment. With Al-Safwa Helasto-Ring, the pavement does not touch the waterproofing blanket, but is separated from it by a hollow space; in this way, the pavement can expand and contract without damaging the water-tight blanket.

### Other Accessories



#### POLYTHENE DPM BUILDERS FILM

We stock a wide range of polythene damp proof membrane materials suitable for a wide variety of construction applications.

POLYTHENE 1200 Gauge



#### **BOND IT PATINATION OIL**

Protective coating for new and restored leadwork specially designed to minimize unsightly staining on newly applied lead and the materials fixed below it.



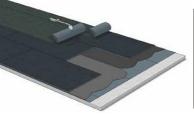
#### **PRATIKO MASTIC**

Bituminous Mastic for Repairs, Sealing & Joins. Pratiko Mastic is a flexible bituminous mastic reinforced with synthetic fibres which, once dry, forms a plasticized layer with excellent adhesion.



24 Accessories

## Roof Recovery



#### PLUVITEC PROTECTION BOARD

Resists and protects against normal site traffic. The perfect re-roofing solution to overlay, upgrade and protect prior to a new waterproofing solution being installed. Very high resistance to puncture. Water impermeable.



#### **BITUMEN BLOCK**

An adhesive and waterproofing mass, made of modified distilled bitumen and polymers (APP type) highly resistant to ageing. Easy melting bonding Bitumen. Suitable for roofing application. Ideal for trades people and for DIY.

## Pre-Formed Corners & Patches



#### PLUVITEC PRE-FORMED BITUMEN CORNERS

Reliable and economical. The easy installation of the corners and the sleek design makes them the ideal choice for securing corners in your roofing system. Available in both internal and external options.



#### RESITRIX CORNERS FORMATION

Finishing roof edges in the attic area, including corner formation with Resitrix SK W Full Bond, fully self-adhesive. Available in both internal and external options.



#### RESITRIX ROUND PATCHES

Enables quick and convenient formation of internal and external corners. The shaped pieces comprise a circle with a rounded cut-out notch, a full circle and an oval tongue.

## **EPDM**



#### HERTALAN EPDM STRIP MEMBRANE

Ideal solution for façade applications with Hertalan EPDM strips you opt for quality, flexibility and convenience. You can work on virtually any substrate. That makes Hertalan EPDM strips the ideal solution for Damp Proof Course applications in cavity walls, around window frames and in curtain walls. Sizes from 150mm to 500mm wide.



#### HERTALAN KS137 CONTACT ADHESIVE

Specially for Adhering EPDM Membranes. A ready-for-use contact adhesive which has been developed especially for adhering EPDM membranes both vertically and horizontally onto surfaces such as wood, bitumen, masonry material, lead and suitable faced rigid thermal insulation boards, etc.



#### **HERTALAN FS14 ADHESIVE PASTE**

High-quality adhesive glue for façade application. Hertalan FS14 is a high-quality adhesive glue for façade application. This sealant can be used on both horizontal and vertical surfaces. Coverage approx. 7 linear metres for a cartridge (pea sized bead).





## RELIABLE ROOF WATERPROOFING FOR ALL GREEN ROOF SYSTEMS

In creating RESITRIX<sup>®</sup> SK W FULL BOND, Carlisle Construction Materials developed an EPDM roof waterproofing membrane specifically for all kinds of roof gardens and green roof systems.



RESITRIX See

Heat-weldable Bol waterproofing ner Fully self-adhesite

to FLL-procedure DIN EN 13948

Construction and www.kEsitex.co

Contact our team at **sales@laydex.ie** 

FULL BOND

BLACK

## **Green Roofing Systems**

## SedumExtra



#### SEDUMEXTRA TRAY

The SedumExtra trays, which include 8-10 different varieties of sedums, are grown in a specially developed mineral substrate. Due to the high quality mineral substrate we can guarantee long-lasting results for your green roof. The SedumExtra tray has an easy-clicksystem so installation is very simple.



#### SEDUM EXTRA PLUG PLANTS

The SedumExtra plug plants are grown in a specially developed mineral substrate which ensures optimal attachment to the green roof substrate. These plugs are grown in trays of 40, 66, 96 or 104 number per tray, depending on variety.



#### SEDUMEXTRA STEKKEN

Provided with weed-free and clean starting material. Due to this stock nursery SedumExtra is able to produce custom-made vegetation blankets. Very easy and quick to install by sowing the cuttings. Low costs. Best results are achieved by Spring and Autumn sowings. Water after installation to avoid cuttings getting blown away.



#### SEDUMEXTRA VEGETATION BLANKETS

The SedumExtra vegetation blanket contains a minimum of 8 varieties of small and large leaved Sedum and is grown on a bio-degradable coconut fiber mat, which is covered with a specialised RAG certified, Green Roof substrate. Our SedumExtra vegetation blankets will have achieved a minimum of 95% vegetative coverage when delivered and will give an instant effect for your roof or garden. The SedumExtra vegetation blankets are produced as per the FLL guidelines.



**28** Green Roofing Systems



#### **GREEN ROOF WITH FIXODRAIN® XD 20**

The larger the roof area, the greater the pressure on your budget. For this reason, ZinCo has created a single product that incorporates a number of the functional layers found in a green roof build-up. Supplied in rolls and with the filter sheet already attached, Fixodrain® XD 20 offers a protective, drainage, water retaining and ventilation layer in one. The system build-up with Fixodrain® XD 20 is particularly suitable for the expansive area of an extensive green roof – and even for inverted roofs.





**Laydex Roofing Division** supply the most comprehensive range of waterproofing systems in Ireland for commercial, industrial and domestic projects.

In conjunction with industry leading manufacturers such as Pluvitec, Renolit, RESITRIX<sup>®</sup>, Kemper and Index, we provide the **project specifier** and the **roofing contractor** with high quality **waterproofing solutions alongside extensive technical support** ranging from on-site roofing surveys to project specific full build up specification generation.

Find more about our Roofing Projects at www.laydex.ie

Through our **Roofing Division** we supply a portfolio of roofing products for commercial, industrial & domestic projects. Co. Dublin



# LET'S BUILD THE FUTURE TOGETHER

**DUBLIN** +353 01 642 6600 sales@laydex.ie BELFAST +44 28 9038 2223 sales@laydex.com

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www.laydex.ie

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