

# 2025 PRODUCT GUIDE: SCREED & UFH SYSTEMS



**U Value<sup>TM</sup>  
Insulation**

**Delivering Better Solutions**

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Delivering Better Solutions  
**Innovative Insulation Excellence**

Dublin | Manchester | Birmingham | London

*\*Disclaimer: Sizes and specifications should be checked and verified with your sales representative.  
Product details are subject to change due to routine testing and manufacturer discretion.*

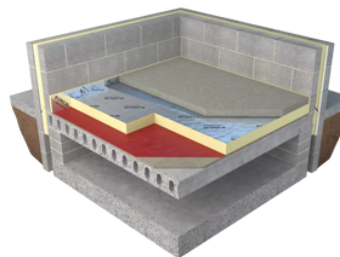
## MANNOK THERM FLOOR



Mannok Therm Floor / MF insulation is a high performance, fibre free board, with a rigid thermoset insulation core and faced on both sides with a low emissivity composite foil facing.

Size
2400 x 1200mm

## UNILIN XT/PR-UF (FLOORS)



Thin-R Underfloor is lightweight, easy to install and combines high compressive strength with low thermal conductivity, providing a high performance solution for floor insulation.

Size
2400 x 1200mm

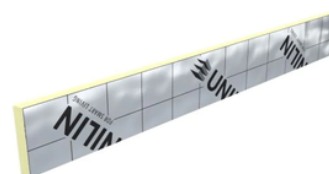
## IKO ENERTHERM ALU BOARD



IKO enertherm ALU is a 100% CFC, HCFC or HFC-free insulation board with a rigid polyisocyanurate foam core, clad on both sides with a multi-layer gastight aluminium complex.

Size
2400 x 1200mm

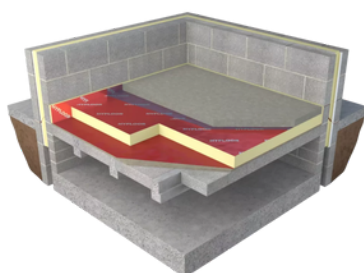
## PIR STRIPS



These insulation strips are designed to be placed around both external and internal wall/floor junctions, creating a robust thermal barrier. Bespoke cut to width sizes.

Sizes	Pack Quantity
25mm x 75mm x 1200mm	32 strips
25mm x 100mm x 1200mm	24 strips
25mm x 150mm x 1200mm	16 strips
25mm x 225mm x 1200mm	10 strips
25mm x 250mm x 1200mm	9 strips

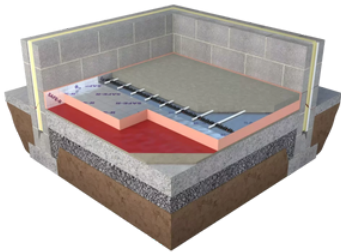
## UNILIN THIN-R PLUS HYFLOOR - ENHANCED PIR



Size
2400 x 1200mm

Hyffloor has a thickness to performance ratio, allowing the lower targets required under Building Regulations to be achieved with minimum thickness.

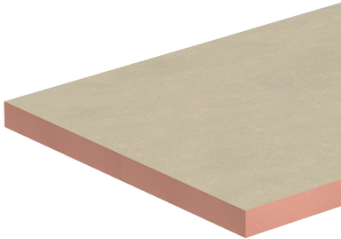
UNILIN SAFE-R UNDERFLOOR



Safe-R Under Floor SR/UF is a rigid phenolic insulation with composite foil facing both sides and has a thermal conductivity as low as 0.020 W/mK, delivering excellent U-values in floors.

Size
2400 x 1200mm

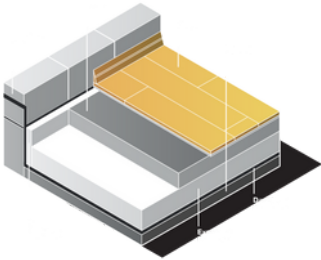
KINGSPAN KOOLTHERM K103



Kooltherm K103 is a premium performance floor insulation solution, for use with solid concrete or suspended timber floors. It has a thermal conductivity of 0.019 W/mK and is ideal for both new build and refurbishment projects.

Size
2400 x 1200mm

EPS

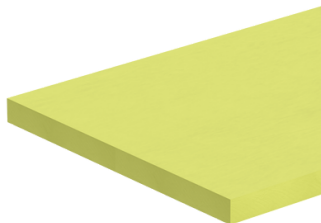


Expanded polystyrene insulation boards are extremely easy to install and are available in range of grades and sizes to suit your individual requirements.

EPS Grade	Enhanced EPS Grade
EPS 70	EPS 70
EPS 100	
EPS 150	
EPS 200	EPS 100
EPS 250	
EPS 300	



## GREEN GUARD XPS

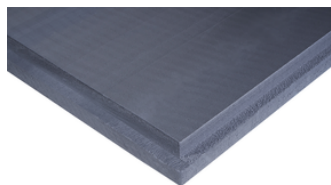


GreenGuard XPS has the necessary compressive strength to make it the product of choice for specialist applications such as inverted roofs, basements, car park decks and heavy-duty commercial, etc.

Grade
XPS 300
XPS 500
XPS 700



## RAVATHERM XPS X



High performance extruded polystyrene with  $\lambda$  up to 0.030 W / mK, for the thermal insulation of roofs, floors, basement walls, etc.

Grade
XPS 300
XPS 500
XPS 700

## POLYFOAM XPS



Polyfoam Floorboard Standard is rigid extruded polystyrene (XPS) board with a Global Warming Potential (GWP) of less than 5 and Zero Ozone Depletion Potential. It is a square edged board that has high compressive strength (200 kPa).

Grade
XPS 200
XPS 300

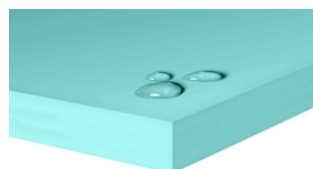
## DANOSA DANOPREN TR XPS



Rigid extruded polystyrene (XPS) foam board for thermal insulation of inverted roofs and floors.

Grade
XPS 300
XPS 500

## FIBRAN XPS



SPI Stylite Plustherm is expanded polystyrene (EPS) containing graphite, which considerably increases insulation performance.

Grade
XPS 300
XPS 400
XPS 500
XPS 700

## FOAMGLAS®



FOAMGLAS® slab is a high performance and long-lasting cellular glass insulation material for the entire building envelope.

Available in a range of grades for a variety of applications, from 500kPa to 1,600kPa compressive strength



## NON-COMBUSTIBLE

### THERMAL ROCKFLOOR®



Non-combustible thermal insulation for solid floors.

Thermal RockFloor® delivers energy efficiency and can contribute to a comfortable indoor climate for building occupants.

Thickness
50mm
80mm
100mm

### ACOUSTIC ROCKFLOOR®



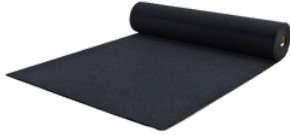
Non-combustible acoustic insulation for floor applications.

Rockwool Acoustic RockFloor® delivers robust impact sound protection.

Thickness
25mm
30mm
50mm

# RESILIENT LAYERS

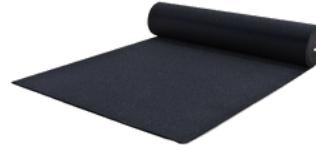
## ISORUBBER BASE



Isorubber Base is a 6mm thick acoustic insulation and vibration-reducing mat that can be laid beneath a screed or timber floating floor to reduce impact sound.

Roll Size
6mm x 1m x 10m

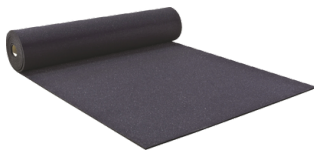
## ISORUBBER HP3



Isorubber HP3 is a 3mm thick acoustic insulation that is laid beneath the screed, separating it from the structural floor and absorbing impact sound.

Roll Size
3mm x 1m x 10m

## ISORUBBER STANDARD



Isorubber Standard is an acoustic insulation and vibration reducing mat that can be laid beneath a screed or timber floating floor to reduce impact sound.

Thickness	Roll Size
3mm	1m x 10m
5mm	

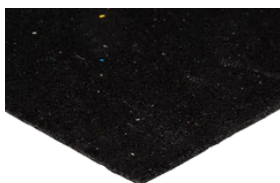
## ISOEDGE 6/260



Isoedge 6/260 is designed for use in our Isorubber Base/Code and Isorubber HP3 under screed systems.

Roll Size
6x260mm x 50m

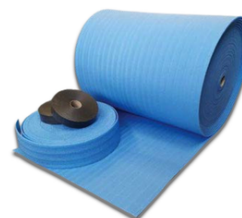
## RESONATE'S RESORUBBER BASE



Resonate's ResoRubber Base are a range of thin and robust resilient layers, primarily used in under screed applications to acoustically isolate the screed from the sub-floor and flanking walls.

Thickness	Roll Size
3mm	1.0m x 15m
5mm	1.0m x 10m

## RESOFOAM10 SYSTEM KIT



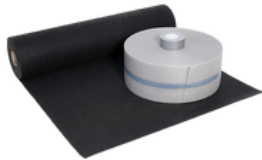
ResoFoam System Kit 10 is a complete acoustic solution for under screed applications. When installed, the system isolates the screed from the sub-floor and significantly reduces the transmission of impact noise.

Roll Size
1200mm x 50 x 10mm / 60 m <sup>2</sup>



# RESILIENT LAYERS

## CELLECTA RUBBERFON IMPACT



Cellecta's RUBBERfon Impact range of resilient layers are made from 100% recycled rubber to produce an isolation layer that provides an effective barrier to impact sound transmission through concrete separating floors

Thickness
3mm
5mm
6mm
8mm

## CELLECTA YELOFON HD5



YELOfon HD5 is a lightweight, easy to install non-crosslinked polyethylene foam, specifically designed to reduce impact noise through concrete floors with a floating screed.

Thickness	Roll Size
5mm	112.5m <sup>2</sup>

## YELOFON HD10+ SYSTEM

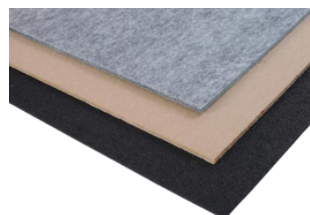


The YELOfon HD10+ system is lightweight, easy to install and delivers unrivalled acoustic performance when used to isolate a floating screed from a structural concrete floor.

System kit includes: 1 x edge roll and 2 x rolls of tape

Thickness	Pack Size
10mm	50m <sup>2</sup>

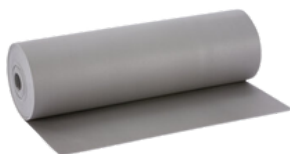
## CELLECTA FIBREFON



Excellent acoustic performance resilient layer for Mojave underfloor heating systems.

Thickness
8mm
10mm

## DANOSA IMPACTODAN



Cross-linked polyethylene foam membrane for acoustic insulation of a floating screed from a structural concrete floor.

Thickness
5mm
10mm

# CEMENT & ACCESSORIES

## MANNOK PREMIUM CEMENT



Floor screeders in particular will be impressed by the smooth, uniform finish and drying performance of this high-performance bagged cement.

Boasts 42,5N strength for exceptional performance.

### Sizes

25kg

## MAPEI TOPCEM



Special fast drying hydraulic binder for producing bonded, unbonded or floating screeds, including those with piped underfloor heating.

### Sizes

20kg

## MAPEI MAPESCREED 704



Special acrylic-based plasticising and water reducing admixture for cementitious screeds.

### Sizes

10kg

## VERTEX POLYPROPYLENE FIBRES



Vertex Micro Polypropylene Fibres ensure optimal performance in even the most demanding conditions, and these fine monofilament fibres are available in both 6mm and 12mm lengths.

### Lengths

6mm

## MEMBRANES



Membranes provide reliable protection against ground moisture and vapour for a wide range of construction applications.

Available as folded or single wound.

Thickness	Gauge
125 mu	500g
300 mu	1200g
500 mu	2000g

# CEMENT & ACCESSORIES

## GLADIATOR GAFFER TAPE



This heavy duty cloth tape has a very strong rubber adhesive. Multipurpose and waterproof.

Sizes
50mm
75mm
100mm

## TOUGHSHEET TAPES



Our Mastic Butyl Tapes provide exceptional sealing for Radon and DPM applications, and ensures reliable protection against moisture and gas ingress.

Size
2mm x 50mm x 22.5m

## DOUBLE SIDED JOINTING TAPE



VisqueenPro Double Sided Jointing Tape is a blue, double sided butyl based self adhesive lap bonding tape with an oversize quick release film.

Size
50mm x 10m

## SINGLE SIDED JOINTING TAPE



VisqueenPro Single Sided Tape is a reinforced single sided adhesive tape. It is available in roll format 75mm x 25m.

Size
75mm x 25m

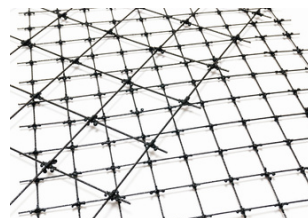
## PERIMETER EDGE STRIPS



Perimeter edge strips, offering a thermal break. For use on the perimeter of each heated floor allowing for contraction and expansion.

Roll Size
5x100mmx50m
8x100mmx50m
8x150mmx50m

## REINFORCED MESH



ORLITECH mesh is resistant to corrosion and UV radiation, it doesn't change its mechanical features and won't cause a degradation of concrete

Roll Size
30m x 800mm (24m <sup>2</sup> )

# DRYSCREED BOARD

## SCREEDBOARD 28



ScreedBoard 28 is a composite acoustic overlay treatment, featuring interlocking edges for installation convenience.

Board Dimensions	Thickness
600mm x 1200mm	28mm

## SCREEDBOARD 30



ScreedBoard 30 is a composite acoustic overlay treatment specifically for concrete separating floors.

Board Dimensions	Thickness
600mm x 1200mm	30mm

## GYPDECK 18



Resonate GYPDECK 18 is a high density, 'dry screed' panel for floors. As a dry screed system they offer significant time saving benefits over wet screed flooring solutions.

Dimensions
18mm x 600mm x 1200mm

## GYPDECK 28



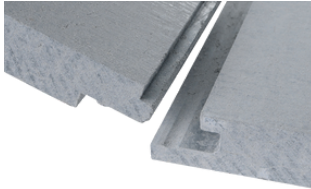
Resonate GYPDECK 28 is a high density, dry screed acoustic panel for floors. The panels incorporate a 10mm layer of a very high performance recycled soundproofing resilient layer.

Dimensions
600mm x 1200mm x 28mm



# UNDERFLOOR HEATING

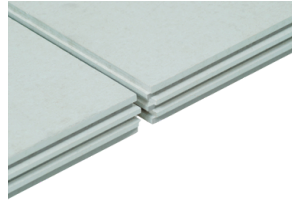
## SCREEDBOARD 20



ScreedBoard 20 is the ideal overlay floorboard for acoustic application incorporating underfloor heating applications due to its high thermal conductivity

Board Dimensions	Thickness
600mm x 1200mm	20mm

## HIDECK STRUCTURAL



HiDECK Structural is a conductive structural floorboard ideal for acoustic batten & cradle and batten applications incorporating an underfloor heating system.

Thickness
25mm
28mm
30mm

## YELOFON FLANKING STRIP



Flexible polyethylene flanking strip to isolate acoustic treatment from wall structures, reducing flanking sound.

Dimensions
6mm x 15mm x 30mm x 2m
6mm x 30mm x 30mm x 2m
6mm x 50mm x 30mm x 2m

## YELOFON ES5



Non-Cross-Linked, Closed Cell Polyethylene Perimeter Edge Strip.

Eliminates perimeter flanking transmission

Roll Dimensions
5mm x 15mm (h) x 50m
5mm x 60mm (h) x 50m
5mm x 100mm (h) x 50m
5mm x 120mm (h) x 50m
5mm x 150mm (h) x 50m

# UNDERFLOOR HEATING

## YELOFON ES10

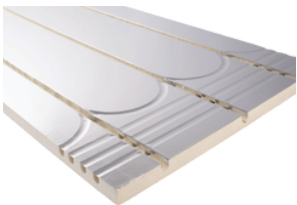


Perimeter Edge Strip. Non-cross-linked, closed cell polyethylene

Eliminates perimeter flanking transmission.

Roll Dimensions
10mm x 100mm (h) x 50m
10mm x 120mm (h) x 50m
10mm x 150mm (h) x 50m

## CELLECTA'S XFLO FF



Cellecta's XFLO Foil Faced underfloor heating insulation boards have a high compressive strength and aluminium foil facing for added thermal diffusion.

Compression Strength
250kPa
300kPa
400kPa

## RESONATE HEATDECK



Resonate Heatdeck is a low profile high performance underfloor heating board. Boards are available in 15, 18 and 25mm thicknesses.

Thickness
15mm
18mm
25mm

## RESOTHERM CHIP



Resonate's ResoThermchip are a range of CNC grooved chipboards suitable for underfloor heating applications. The high performance boards are available in 1200mm and 2400mm lengths

Thickness
22mm

# UNDERFLOOR HEATING

## HEATBACKER BOARD



Heatbacker light weight extruded polystyrene (XPS) boards are faced on both sides with a glass fibre reinforcement mesh and cementitious coating.

Thickness
15mm
18mm
20mm

## RESOTHERM XPS 300



Resonate ResoTherm XPS are a range of high quality underfloor heating insulation boards, featuring CNC grooved channels for UFH pipes to be installed.

Thickness
18mm
20mm
25mm
30mm
40mm
50mm
60mm
70mm
80mm
100mm

## RESOTHERM EPS



Resonate's ResoTherm EPS are a range of excellent value underfloor heating thermal insulation boards, featuring CNC grooved channels for UFH pipes to be installed. A foil-faced version of the boards is also available.

Thickness
18mm
20mm
25mm
30mm
40mm
50mm
60mm
70mm
75mm
80mm
90mm
100mm
120mm

## RESOTHERM XPS 500



Resonate ResoTherm XPS are a range of high quality underfloor heating insulation boards, featuring CNC grooved channels for UFH pipes to be installed.

Thickness
20mm
25mm

# UNDERFLOOR HEATING

## UFH CLIPS



For pipe diameter 14-20mm.

To be used with a tacker gun.

Size	Box Quantity
40mm	300
60mm	300

## BLACK CONDUIT ROLL



Slitted, coiled, 19-24mm in diameter

Size
50m coil

## VERTICAL EXPANSION JOINTS

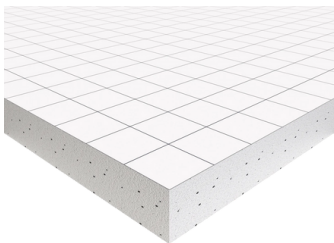


Provided with a self-adhesive backing.

10mm thick x 100mm high upstand. Perfect length to cover two door thresholds.

Length	Box Quantity
2m	20 lengths

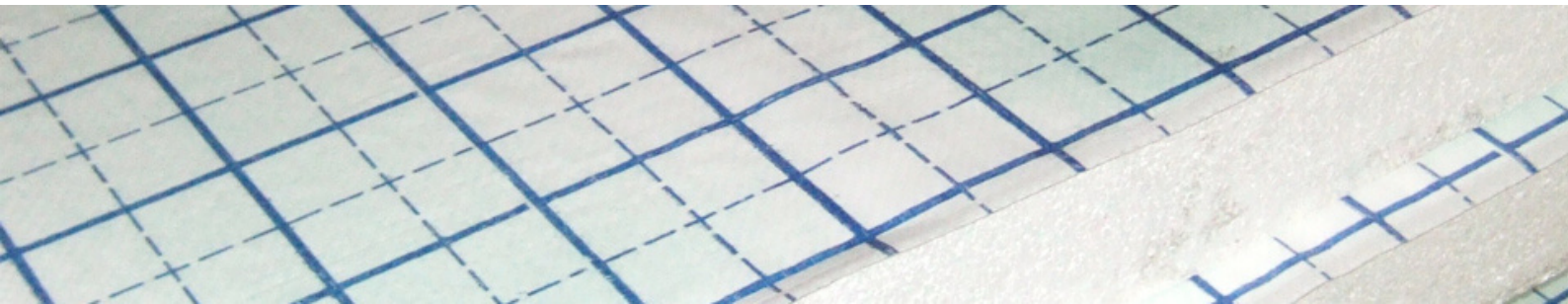
## U VALUE GRIDBOARD EPS



Designed specifically for under-floor heating (UFH) projects.

Comprising a lightweight expanded polystyrene (EPS) board bonded to a gridded membrane, it provides accurate pipe layout and easy-installation.

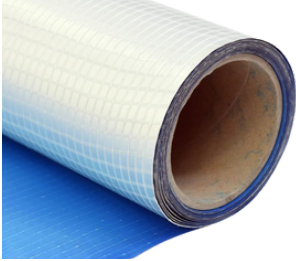
- Available in a range of thicknesses and EPS grades
- Also functions as a slip membrane, avoiding the need for a separating membrane.
- Made from a durable woven fabric bonded to high-density expanded polystyrene
- Ensuring pipes are accurately spaced and securely held in place
- Suitable for new-build and refurb projects





# GAS MEMBRANES

## VISQUEEN GAS BARRIER



Visqueen Gas Barrier is a multi-layer reinforced polyethylene gas barrier with a 20 micron aluminium foil. The barrier is coloured blue on the upper surface and silver on the reverse.

### Roll Dimensions

2m x 50m.

## VISQUEEN LOW PERM MEMBRANE



Visqueen Low Permeability Gas Membrane is a flexible 0.5mm thick thermoplastic membrane. The membrane is manufactured from virgin polymer.

### Roll Dimensions

4m x 12.5m

## VISQUEEN RADON R400 MEMBRANE



Visqueen Radon R400 Membrane is a flexible 0.4mm thick thermoplastic membrane. The membrane is manufactured from virgin polymer.

### Roll Dimensions

4m x 20m

## VISQUEEN ULTIMATE HC BLOK



Visqueen Ultimate HC Blok is a 0.5mm thick, chemically resistant co-extruded volatile organic compound barrier and gas barrier. It is coloured gold on the upper surface and white on the reverse.

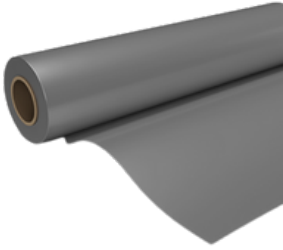
### Roll Dimensions

2.44m x 41m



# GAS MEMBRANES

## ULTRA RADON BARRIER

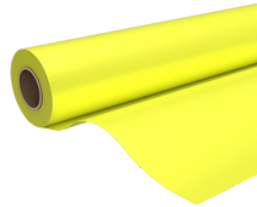


Rhinoplast monolithic LDPE barrier designed primarily for use with Radon gas. Fully Radon gas tested and approved by NSAI (IAB) Meets the requirements of BRE211.

### Roll Dimensions

4m x 20m

## RHINOPLAST SUPER GAS BARRIER

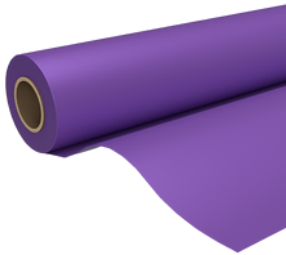


A monolithic hybrid co-polymer barrier giving excellent performance. Fully tested for Radon, Methane and CO2.

### Roll Dimensions

4m x 20m

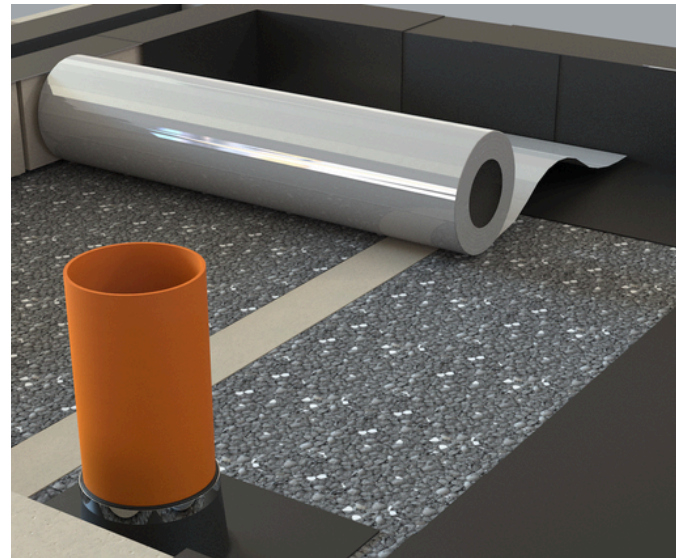
## RHINOPLAST EVOLUTION GAS BARRIER



Rhinoplast Evolution is a high specification co-extruded multi-layer barrier specifically developed for use on construction sites contaminated by Volatile Organic Compounds, Hydrocarbons and other ground gasses such as Methane, Radon and CO2.

### Roll Dimensions

1.65m x 61m



# LEVELLING & SMOOTHING COMPOUNDS

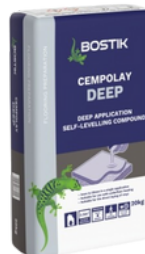
## CEMFLOW RENOVATION



Cemflow Renovation is self-soothing, dimensionally stable, and fast grade floor underlayment for upgrading and renovating new and existing internal floors.

Size
25 kg

## BOSTIK CEMPOLAY DEEP



Bostik Cempolay Deep is a one-part, deep-fill self-levelling compound for smoothing and levelling uneven floors prior to laying decorative floor coverings.

Size
20 kg

## BOSTIK CEMPOLATEX FIBREFLEX



Bostik Cempolates Fibreflex is a one part, fibre-reinforced self-levelling compound for smoothing sound, strong substrates where minimal vibration or thermal movement can be a problem.

Size
20 kg

## BOSTIK UNIVERSAL PRIMER



Bostik Screedmaster Universal Primer is a water based solvent free, acrylic dispersion primer.

Size
5 L

# NOTES





U Value Insulation is an established international company, with over 40 year's experience offering the building industry vast product choice combined with in-depth technical expertise. Distributing an extensive product catalogue for application across the full range of floor, wall and roof requirements, ensuring a one-stop shop for all our client needs. We stock the very best brands & highest quality product ranges at competitive prices across thermal, acoustic and fire protection insulation products guaranteeing the widest choice and best value. We've got branches in London, Manchester, Birmingham & Dublin. Get in touch with our team today.

Find Us  
Online



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🌐 [www.uvalueinsulations.co.uk](http://www.uvalueinsulations.co.uk)

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### NOTES