



PITCHED AND FLAT ROOFING SOLUTIONS



PITCHED & FLAT ROOFING SOLUTIONS

EXCLUSIVE TO SIG ROOFING

Offering a comprehensive range of solutions for the refurbishment and maintenance of flat and pitched roofs, or for the laying of a new flat roof, FIX-R is the ideal partner for roofing contractors.

Whether applying EPDM, liquid waterproofing or GRP systems, we have a solution for all your requirements and our technical backup is always on hand for support when you need it.



TRIED & TESTED

We have been helping roofing contractors create the perfect flat roof, with our tried and tested solutions, for over 15 years.



A QUALITY SOLUTION

With 10, 15, 20 and 25 year warranties available across the range, you can be assured our FIX-R systems are there to last, giving you and your customers peace of mind. T&C's Apply.



PRODUCTS FOR PROFESSIONALS

Our FIX-R products have been developed utilising the latest technologies, so professional roofing and home improvement contractors can be assured of a consistently reliable choice.



NATIONWIDE AVAILABILITY

Exclusive to SIG Roofing, FIX-R is available in over 100 branches across the UK.



WIDE RANGE

Our comprehensive range of flat roofing solutions includes EPDM, bituminous membranes, liquid waterproofing and GRP systems, ensuring you have access to solutions for every situation.



ONE WARRANTY

We are so confident in the quality of our products, that most are included in SIG Roofing's ONE Warranty, a single warranty that covers all of the key elements of your roof. T&C's Apply.



PRODUCT TRAINING & TECHNICAL SUPPORT

When you purchase any of our FIX-R products and systems, you can be confident that we will be here to support you now and in the future with our ongoing product advice, robust warranties and technical support.

Our dedicated technical email address is fix-rtechnical@sigroofing.co.uk

MATERIAL WARRANTIES

20

5, 10, 15, 20 & 25 YEAR*

Terms and Conditions Apply. Full details can be found at fix-r.co.uk
All warranties must be registered for within 1 month of installation.

EPDM SYSTEMS

(PAGE 4-5)

Our EPDM durable rubber roofing solutions are ideal for flat roof renovation and new flat roof installations. The EPDM is puncture resistant and these systems require minimal maintenance and are available in two thicknesses as well as a polyester fleece reinforced single ply membrane for situations where extra durability is required for example balconies or patios.



PVC MEMBRANE SYSTEMS

(PAGE 6-7)

Our PVC membrane systems offer lightweight waterproofing solutions leaving more design flexibility for specifiers. Suitable for both new build and refurbishment projects, installation of our FIX-R PVC systems involves no gas torches making them a popular choice.



LIQUID ROOFING

(PAGE 8-11)

Our Liquid Roofing systems create a seamless waterproofing membrane and are ideal for use where access is limited or where large amounts of detailing is required. Available in solvented for rapid curing or solvent free for situations where a low odour alternative is required.



GRP SYSTEMS

(PAGE 12-15)

Originally developed as a replacement for moulded plywood used in aircraft, GRP (Glass Reinforced Plastic) is a proven technology used on everything from boats and water tanks to ponds and pools, keeping water in as well as out. The FIX-R GRP systems bring that technology into flat roofing, providing 15 to 25 years material warranties.



BITUMINOUS MEMBRANES

(PAGE 16-17)

Our Torch On roofing systems are applied with a gas torch and are ideal for both flat and pitched roofs. With multiple systems offering 10, 15 or 20 year material warranties and a choice of colours, we're sure to have the solution for your next project.



PITCHED ROOFING

(PAGE 18-19)

FIX-R Pitched Roofing Accessories provide all the items to support your roofing system. The items enhance the performance, and aesthetics of your pitched roof by providing ventilation and final finishing touches.



SYSTEM ACCESSORIES

(PAGE 20-22)

Our range of accessories include protect and repair solutions, primers and adhesives and AVCL products that can be used to support the application and maintenance of roofing systems in a variety of ways. Offering protection where needed and preparing roofs, these products aim to help the longevity of roofing systems.



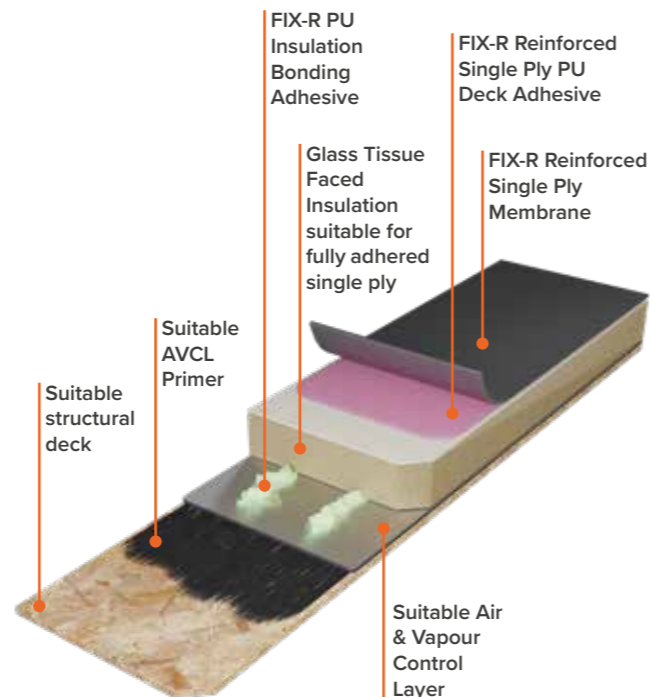
FIX-R EPDM SYSTEMS

FIX-R EPDM is a durable rubber roofing system with high puncture resistance. Requiring minimal maintenance, it is an ideal system for flat roof renovation and new flat roof installations in domestic, commercial and industrial applications.

With the ability to withstand a range of weather conditions, whether rain or UV, FIX-R EPDM has been awarded a BBA Agrément Certificate with a service life of at least 35 years and is the ideal choice if there are any concerns around expansion and contraction, particularly with larger flat roofs.

FIX-R EPDM is available in a choice of widths and thicknesses and is manufactured in large sheets for excellent coverage with no seams.

For those projects requiring extra durability, our Reinforced Single Ply Membrane has a polyester fleece which is laminated to the underside of the membrane. This option is ideal where greater durability is required such as balconies, patios, and for overlaying and repair work. This solution is available in rolls of 1.5m x 12.2m and comes with pre-applied seam tape, saving time on site.



FEATURES & BENEFITS

- 20 year warranty*
- BBA certified with a life expectancy of 35 years
- B_{ROOF}(t4) build ups available
- EPDM available cut to size
- Resistant to temperatures -45°C to +80°C, UV & aging
- High puncture resistance
- Resistant to tears, splits or cracks
- Suitable for roof gardens & green roofs
- Choice of widths, thicknesses & premium fleece reinforced alternative
- Wide range of accessories available to finish the roof

MATERIAL WARRANTY



20 YEAR MATERIAL WARRANTY AVAILABLE*

BBA



35 YEAR LIFE EXPECTANCY**

FIRE RATING



B_{ROOF}(t4) BUILD UPS AVAILABLE**

*Terms and conditions apply. When installed in accordance with British Standards Code of Practice

** Available on request fix-rtechnical@sigroofing.co.uk

OUR SYSTEMS

EPDM

PREPARATION



EPDM ROOF DECK ADHESIVE (WBA)

A high strength, low odour adhesive specifically designed to adhere FIX-R EPDM to timber surfaces.

Available in 2.5L, 5L and 15L €.

Hazard Classification: H317, H412



EPDM BONDING ADHESIVE

Available brush applied or as a sprayable version, this high strength adhesive is used to adhere FIX-R EPDM membranes to:

- Surfaces such as brickwork, metal, concrete and tissue faced PIR
- Suitable roof surfaces over 100m² including timber
- Vertical surfaces such as upstands
- The perimeter of timber decks

Available in 1L, 2.5L and 5L €.

Hazard Classification: H411, H319, H225, H315, H336

Sprayable is available in 500ml, 14L & 22L € and has been specially formulated for aerosol or gun application.

Hazard Classification: H222, H229, H411, H319, H315, H336

FINISHING



EPDM

This membrane is available in 1.2mm and 1.5mm thicknesses and is available as a whole roll (30.5m) or cut to size with various widths available.

REINFORCED SINGLE PLY

PREPARATION



REINFORCED SINGLE PLY PU DECK ADHESIVE

Polyurethane (PU) Roof Deck Adhesive for use with FIX-R Reinforced Single Ply membrane to adhere to a range of common flat roof substrates including plywood, OSB3, concrete, PIR tissue faced insulation, steel, existing bitumen etc.

Available in 5L €.

Hazard Classification: H351, H319, H334, H315, H317, H336

Sprayable is available in 22L € and has been specially formulated for gun application.

Hazard Classification: H222, H229, H351, H319, H334, H317

FINISHING



REINFORCED SINGLE PLY MEMBRANE

This premium EPDM membrane has a polyester fleece laminated to the underside giving a stronger flat roofing membrane compared to non-reinforced EPDM.

Available in 1.52m x 12.19m rolls.

ALSO AVAILABLE



PS SEAM TAPE

An unobtrusive way to join any EPDM seams together.



EPDM PRIMER

Use to prime sections of the EPDM membrane before applying tapes or RUSS strips. Available in 500ml and 1L €.

Hazard Classification: H412, H225, H361d, H315, H317, H373, H336



PVC TRIMS, PIPE SEAL, COVER STRIP ETC.

We have a full range of accessories to enable you to create the perfect EPDM roofing solution.

WEATHERED MEMBRANE CLEANER

Cleaner for new and aged EPDM. Removes dirt and other contaminants. Prepares EPDM for application of FIX-R EPDM Primer. Available in 1L €.

Hazard Classification: H411, H304, H225, H336

FIX-R EPDM SYSTEMS

IDEAL FOR

ASPHALT / FELT ROOFS

BALCONIES

CEMENT FIBRE ROOFS

COMMERCIAL

COMPLEX DETAILING

CORRUGATED METAL ROOFS

DOMESTIC

DORMER ROOFS

EXTENSIONS

FLASHINGS

GARAGES

GREEN ROOFS

HOSPITALS

LARGE ROOFS

NEW BUILD

RECOATING FAILED SINGLE PLY ROOFS

REPAIR / REFURBISHMENTS

SCHOOLS

SMALL ROOFS

WALKWAYS

WINTER APPLICATION



SCAN ME

To find out more about FIX-R EPDM SYSTEMS

FIX-R PVC MEMBRANE SYSTEMS

FIX-R PVC is a hot air welded solution for your flat roof that is available in both a mechanically fixed and a bonded system.

PVC membrane systems offer a waterproofing solution that leaves more design flexibility for specifiers. Suitable for both new build and refurbishment projects, installation of our FIX-R PVC systems involves no gas torches. With the usage of gas torches on roofs becoming more restricted, PVC membranes have gained in popularity. They are now widely used in a range of sectors, including education, hospitality, commercial, healthcare, and residential buildings.

FIX-R PVC Mech Fixed system is suitable for roofs where the substrate doesn't allow for adhesives used on a Bonded system. Suitable for use on a range of substrates and deck types, such as minimum 18mm OSB3 & Class 3 Plywood, Insitu Concrete, as well as metal decks as part of a warm roof build up or where the deck has been overlaid sheathing board. Traditionally, our FIX-R PVC Mech Fixed system is used for larger projects and can be installed in a warm or cold roof application, year-round and widely regarded as faster than adhered PVC Membranes.

FIX-R PVC Bonded system adheres the PVC membrane directly to the roof deck using the FIX-R Bonded Membrane Adhesive, which is fully bonded to the substrate. Due to optimum curing times in warmer temperatures, adhered systems are more suited to warm weather conditions to allow for an efficient install.

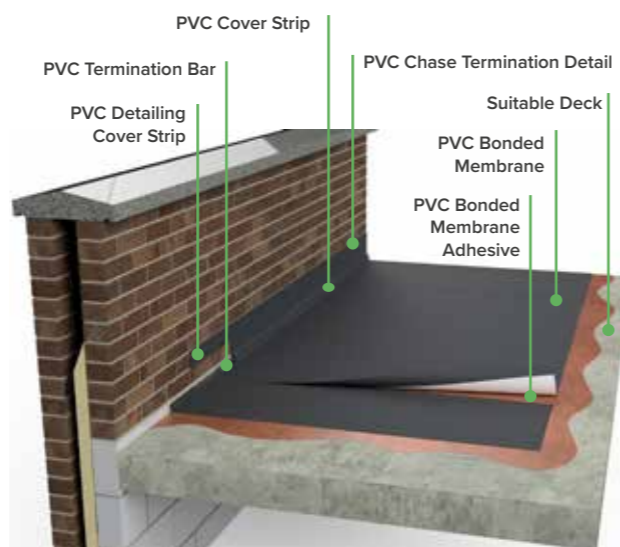
FEATURES & BENEFITS

- UV resistant
- Rot resistance
- Vapour permeable
- PVC offers durability & flexibility
- Can be used for both warm and cold roofs
- Can be applied over many existing substrates, please contact your local SIG Roofing branch for further information

FIX-R PVC MECH FIXED SYSTEM



FIX-R PVC BONDED SYSTEM



OUR SYSTEMS

PVC MECH FIXED MEMBRANE



This polyester scrim reinforced membrane is mechanically fastened in the overlap using PVC Membrane Pressure Plates and screws, fixing into the substrate below, overlaps and joints are hot air welded.

PVC Mech Fixed Membrane can be used for ballasted systems or alternatively on adhered systems using PVC Membrane Contact Adhesive.

As well as the above, this system is also used as the upstand detailing membrane on all PVC Mech Fixed Membrane systems.

Available in 1.2mm thickness 1.06 x 20m.

Nominal Weight: 1.785kg/m²

PVC BONDED MEMBRANE



Glass tissue reinforced fleeced backed membrane for bonded roofing systems.

The membrane is bonded to the substrate using PVC Bonded Membrane Adhesive. Side laps are hot air welded. End laps are butt jointed and waterproofed with a PVC Cover Strip.

Available in 1.2mm thickness 2.12 x 12m.

Nominal Weight: 1.65kg/m²

ADHESIVES



PVC BONDED MEMBRANE ADHESIVE

This is a ready to use single component, moisture curing polyurethane adhesive for bonding fleeced backed PVC Bonded Membrane to suitable substrates, such as Plywood or OSB timber decks and approved Insulation boards. It is applied using a suitable roller.

Coverage: Up to 47m²/11kg tin

Hazard Statements: H351, H319, H334, H315, H317, H336



PVC MEMBRANE CONTACT ADHESIVE

A ready to use nitrile rubber based, contact adhesive for adhering PVC Mech Fixed Membranes for waterproofing upstands and details onto various substrates. It is applied using a suitable brush or roller.

Coverage 5-7.5m²/2.5L Tin

Hazard Statements: H319, H225, H317, H336

SYSTEM ACCESSORIES

PVC DETAILING COVER STRIP (200MM)

Roofing membrane for use on complex detailing.

PVC COVER STRIPS (150MM AND 300MM)

Polyester scrim reinforced membrane strips for use as detailing membranes.

PVC CHASE TERMINATION DETAIL

Laminated metal prefabricated chase termination details for waterproofing upstands.

PVC DRIP TRIM

An 85mm faced drip edge to be mechanically fixed at 150mm, staggered centres to any roof perimeter where the water on the roof is required to drip away from the roof area.

PVC INTERNAL AND EXTERNAL CORNERS

These preformed internal and external corner and outlet units are designed to facilitate the installation of PVC Membranes. Preformed PVC corner units are flexible and can be moulded and heat welded over the FIX-R PVC membrane to detail and waterproof corner areas.

PVC MEMBRANE PRESSURE PLATES

For fixing the PVC Mech Fixed Membrane.

PVC TERMINATION BARS

For mechanical fixing of PVC Membranes at both perimeters and change of level details.

FIX-R PVC MEMBRANE SYSTEMS

IDEAL FOR

ASPHALT / FELT ROOFS

BALCONIES

CEMENT FIBRE ROOFS

COMMERCIAL

COMPLEX DETAILING

CORRUGATED METAL ROOFS

DOMESTIC

DORMER ROOFS

EXTENSIONS

FLASHINGS

GARAGES

GREEN ROOFS

HOSPITALS

LARGE ROOFS

NEW BUILD

RECOATING FAILED SINGLE PLY ROOFS

REPAIR / REFURBISHMENTS

SCHOOLS

SMALL ROOFS

WALKWAYS

WINTER APPLICATION



SCAN ME

To find out more about FIX-R PVC SYSTEMS

FIX-R LIQUID 10 SYSTEM

FIX-R Liquid 10 is a cold-applied, rapid curing, Polyurethane liquid roofing solution.

It can be applied over existing roof systems or onto new roofs, providing they are dry, creating a durable and seamless waterproof layer.

Additional products are also available for specific situations:

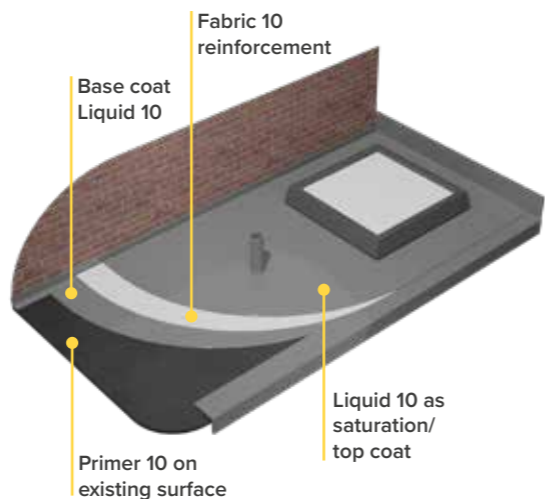
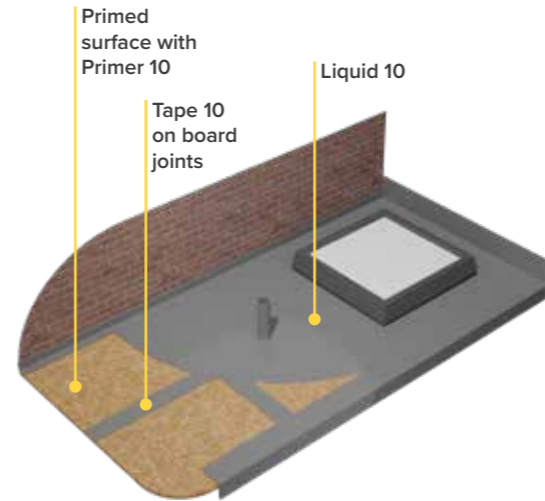
- Add Thixo 10 to create a thicker solution to aid application on inclined, uneven or vertical substrates
- Add Traffic 10 as an additional coat once Liquid 10 has fully cured, to create a surface that can be skid inhibiting if used in conjunction with a suitable aggregate or slate chippings, ideal for balconies or walkways

MATERIAL WARRANTY



10 YEAR MATERIAL WARRANTY AVAILABLE*

*Terms & Conditions Apply. When installed in accordance with British Standards Code of Practice



FEATURES & BENEFITS

- 10 year material warranty*
- Seamless finish
- UV resistant (when Traffic 10 applied)
- FIX-R GRP range of trims can be used with this system

FOR A VIRTUALLY ODOURLESS LIQUID FLAT ROOFING SOLUTION

...see our Liquid Roofing system on page 8.



OUR SYSTEM

LIQUID 10

PREPARATION

JOINTSEAL 10

When preparing an existing bitumen surface, use Jointseal 10 to fill any cracks or blisters and to create a fillet on all 90° angles e.g. upstands, skylights, pipework etc.

If applying the Liquid 10 system to OSB, use Jointseal over the board joints to create a smooth surface.

Available in 600ml e.



TAPE 10

When applying the Liquid 10 system to OSB boards, use Tape 10 to reinforce board joints and any joints where the OSB deck meets pitched roofs, layboards and trim edges.

Available in 10m rolls.



PRIMER 10

Apply Primer 10 to upstands, deck and trims. Further coats of Liquid 10 can be applied at any time in the products life span by simply cleaning the roof and applying Primer 10 to the surface prior to re-coating.

Available in 4L e.

Hazard Classification: H412, H351, H319, H226, H334, H315, H317, H373, H335



FIBRED 10

Apply Fibred 10 to all internal corner details, upstands, pipe collars and trim edges etc. removing the need for complex fabric detailing.

Available in 5kg e.

Colour: Grey

Hazard Classification: H226, H315, H319, H373



FINISHING

FABRIC 10

Dependent on the substrate, the Liquid 10 system must be either partially or fully reinforced using Fabric 10 (or Tape 10).

Available in 25m rolls (1m wide).



LIQUID 10

Apply this finish coat to an existing bitumen substrate, before adding a length of Fabric 10 and finishing with a further coat of Liquid 10.

Available in 15kg e.

Colour: Grey

Hazard Classification: H226, H315, H319, H373



Cannot be used in areas where the system may come into contact with chemically treated water such as swimming pools. Not safe for fish ponds.

ALSO AVAILABLE



TRAFFIC 10

Use Traffic 10 to create a harder wearing, slip inhibiting coating over Liquid 10 if used in conjunction with a suitable aggregate or slate chippings.

Available in 4L e.

Hazard Classification: H412, H319, H226, H315, H317, H373, H335



THIXO 10

Add Thixo 10 to Liquid 10 where a thicker solution is required for example in severely inclined, uneven or completely vertical substrates.

Available in 1kg e.

FIX-R LIQUID 10 SYSTEM

IDEAL FOR

ASPHALT / FELT ROOFS

BALCONIES

CEMENT FIBRE ROOFS

COMMERCIAL

COMPLEX DETAILING

CORRUGATED METAL ROOFS

DOMESTIC

DORMER ROOFS

EXTENSIONS

FLASHINGS

GARAGES

GREEN ROOFS

HOSPITALS

LARGE ROOFS

NEW BUILD

RECOATING FAILED SINGLE PLY ROOFS

REPAIR / REFURBISHMENTS

SCHOOLS

SMALL ROOFS

WALKWAYS

WINTER APPLICATION



SCAN ME

To find out more about FIX-R LIQUID 10 SYSTEM

FIX-R LIQUID ROOFING SYSTEM

Our Liquid Roofing system is a cold-applied, solvent-free, virtually odourless system creating a seamless, liquid waterproofing membrane for almost any roof substrate - whether new or as an overlay to existing.

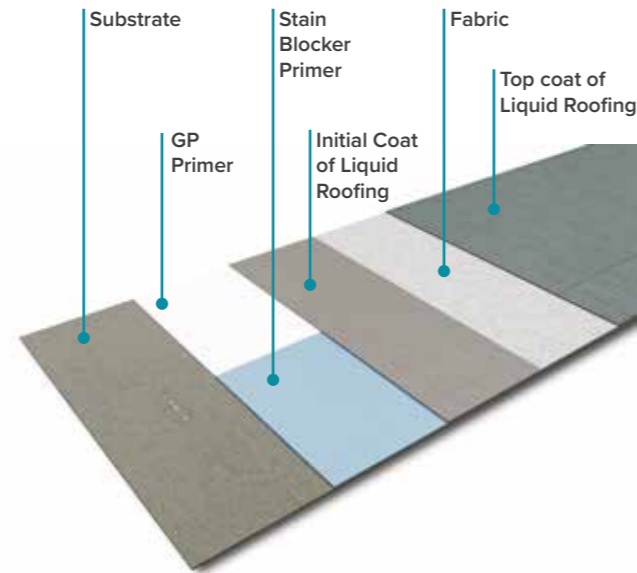
The system is a firm favourite for roofers working in sensitive locations such as schools, hospitals and sites with AC units due to its low odour and low VOC's.

Fully reinforced with polyester fabric, it has also been developed for application all year round** and can be applied wet-on-wet meaning damp and cold conditions are no longer a barrier to getting started on your project.

MATERIAL WARRANTY



15 YEAR MATERIAL WARRANTY AVAILABLE*



FEATURES & BENEFITS

- 15 year material warranty*
- Solvent free - low odour
- Can be applied all year round including cold and damp conditions**
- Minimum wastage - unused product can be stored and reused***
- FIX-R GRP range of trims can be used with this system

** Above 5°C

***When sealed and stored between 5°C - 35°C

OUR SYSTEM

LIQUID ROOFING

PREPARATION



GP PRIMER

Use GP Primer to promote adhesion of our Liquid Roofing onto PVC membranes, a timber deck surface and fiberglass materials.

Available in 4L e.



STAIN BLOCKER PRIMER

When applying the Liquid Roofing system to an existing bitumen or asphalt based deck, apply Stain Blocker Primer to the surface to help fill minor irregularities in the surface.

Available in 4L e.

FINISHING



FABRIC

This polyester fabric is used to reinforce the liquid roofing system.

Available in 25m rolls and widths of 100mm, 250mm and 1000mm.



LIQUID ROOFING

Apply an initial coat of Liquid Roofing and embed the fabric into the wet base. Apply a subsequent coat of Liquid Roofing on top of the fabric. This topcoat can be used as an additional coat at any time throughout its lifetime without the need for abrasion or primers.

Available in 4L and 15L e.

Colour: Grey and Anthracite

Hazard Classification: H412

FIX-R LIQUID ROOFING SYSTEM

IDEAL FOR

ASPHALT / FELT ROOFS	<input checked="" type="checkbox"/>
BALCONIES	<input type="checkbox"/>
CEMENT FIBRE ROOFS	<input type="checkbox"/>
COMMERCIAL	<input checked="" type="checkbox"/>
COMPLEX DETAILING	<input checked="" type="checkbox"/>
CORRUGATED METAL ROOFS	<input type="checkbox"/>
DOMESTIC	<input checked="" type="checkbox"/>
DORMER ROOFS	<input checked="" type="checkbox"/>
EXTENSIONS	<input checked="" type="checkbox"/>
FLASHINGS	<input type="checkbox"/>
GARAGES	<input checked="" type="checkbox"/>
GREEN ROOFS	<input type="checkbox"/>
HOSPITALS	<input checked="" type="checkbox"/>
LARGE ROOFS	<input checked="" type="checkbox"/>
NEW BUILD	<input checked="" type="checkbox"/>
RECOATING FAILED SINGLE PLY ROOFS	<input checked="" type="checkbox"/>
REPAIR / REFURBISHMENTS	<input checked="" type="checkbox"/>
SCHOOLS	<input checked="" type="checkbox"/>
SMALL ROOFS	<input checked="" type="checkbox"/>
WALKWAYS	<input type="checkbox"/>
WINTER APPLICATION	<input checked="" type="checkbox"/>



SCAN ME

To find out more about
FIX-R LIQUID ROOFING SYSTEM

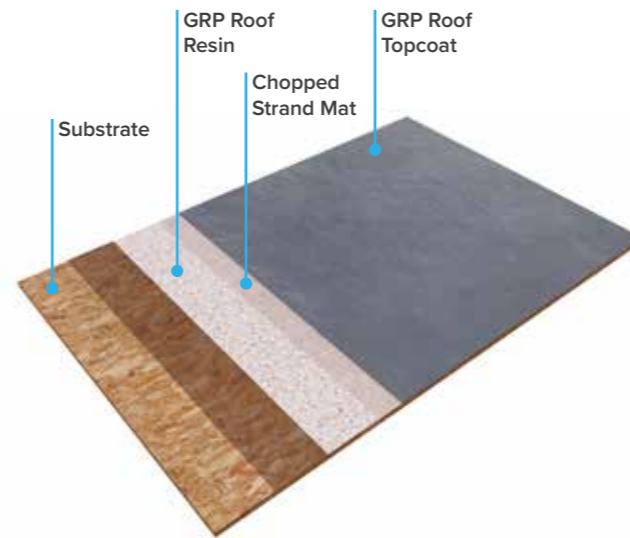
FIX-R GRP SYSTEM

Our FIX-R GRP system is ideal for creating flat roofs.

The FIX-R GRP flat roofing system is made up of a number of different elements, which, when used together, are backed by our 20 or 25 year material warranties*:

- The fibreglass reinforcing fibres within the chopped strand mat, gives the system its strength and stability
- The liquid based catalysts enable you to control the curing times, making this system ideal for application in temperatures from 10-25°C
- The UV resistant topcoat offers a tough, seamless finish

This incredibly versatile system can be moulded around different shapes such as upstands, making it suitable for use on a variety of roofs making it an alternative to traditional materials such as bitumen, felt and lead.



FEATURES & BENEFITS

- 20 and 25 year material warranties available*
- Seamless finish
- Controllable cure system that can be adjusted for different temperature conditions
- A suitable Iron Silicate can be used to enable the GRP system to be used for walkways and balconies
- FIX-R GRP System kits are available
- FIX-R GRP range of trims can be used with this system

MATERIAL WARRANTY



20 & 25 YEAR MATERIAL WARRANTY AVAILABLE*

DO YOU NEED A FIRE RATED FLAT ROOFING SOLUTION?

Our Flexi GRP system offers all the advantages of GRP but with a B_{ROOF}(t4) fire rating.

See **page 12** for more information.



OUR SYSTEM

GRP SYSTEM

PREPARATION



GRP WOVEN GLASSFIBRE TAPE

This tape is used to bandage the joints in square edged OSB, join edge trims and corners together and cover/fill small gaps, producing a clean and neat finish.

Available in 50m rolls and in widths of 50mm and 75mm.



GRP ROOF RESIN

This is the base resin layer that is used to go onto clean, dry OSB 3.

Available in 10kg and 18kg e.

Hazard Classification: H319, H226, H361d, H315, H372

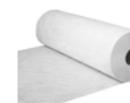


GRP ROOF CATALYST

The Catalyst is mixed with the Resin to start the reactive curing process before the mixture is then applied to the timber deck and over the pre-applied tape.

Available in 1kg, 5kg and 25kg e.

Hazard Classification: H242, H302+H332, H314



GRP CHOPPED STRAND MAT (CSM)

Chopped Strand Mat is used in the layering and continuous lamination of FIX-R GRP installations. It is applied to the wet surface and a further coat of resin is applied on top of the CSM, which is then sanded and left to cure.

Available in:

450GSM | 18.5m, 37m & 74m Roll Lengths | 20 Year Material Warranty when used as part of the system

600GSM | 13.75m, 27.5m & 55m Roll Lengths | 25 Year Material Warranty when used as part of the system

FINISHING



GRP ROOF TOPCOAT

The final layer within the system is the topcoat which is applied to protect the roof and give it a smooth, seamless finished appearance.

Available in:

Grey | 10kg and 18kg e

Anthracite | 20kg e

Black | 20kg e

Hazard Classification: H319, H226, H361d, H315, H372



GRP ROOF CATALYST

Catalyst is added to the topcoat to start the reactive curing process and the mixture is applied to the roof.

Available in 5kg and 25kg e.

Hazard Classification: H242, H302+H332, H314

ALSO AVAILABLE



GRP ROOF WINTER CATALYST

An alternative catalyst that provides a faster cure speed particularly during the winter months or in cooler conditions throughout the year.

Available in 1kg e.

Hazard Classification: H242, H302+H332, H314



GRP ACETONE BRUSH/TOOL CLEANER

Acetone is used to clean uncured resin and topcoat from brushes, rollers and other tools.

Available in 1L, 5L and 25L e.

Hazard Classification: H225, H319, H336

FIX-R GRP SYSTEM

IDEAL FOR

ASPHALT / FELT ROOFS	<input type="checkbox"/>
BALCONIES	<input type="checkbox"/>
CEMENT FIBRE ROOFS	<input type="checkbox"/>
COMMERCIAL	<input type="checkbox"/>
COMPLEX DETAILING	<input checked="" type="checkbox"/>
CORRUGATED METAL ROOFS	<input type="checkbox"/>
DOMESTIC	<input checked="" type="checkbox"/>
DORMER ROOFS	<input checked="" type="checkbox"/>
EXTENSIONS	<input checked="" type="checkbox"/>
FLASHINGS	<input type="checkbox"/>
GARAGES	<input checked="" type="checkbox"/>
GREEN ROOFS	<input type="checkbox"/>
HOSPITALS	<input type="checkbox"/>
LARGE ROOFS	<input type="checkbox"/>
NEW BUILD	<input type="checkbox"/>
RECOATING FAILED SINGLE PLY ROOFS	<input type="checkbox"/>
REPAIR / REFURBISHMENTS	<input type="checkbox"/>
SCHOOLS	<input type="checkbox"/>
SMALL ROOFS	<input checked="" type="checkbox"/>
WALKWAYS	<input checked="" type="checkbox"/>
WINTER APPLICATION	<input checked="" type="checkbox"/>



SCAN ME

To find out more about FIX-R GRP SYSTEM

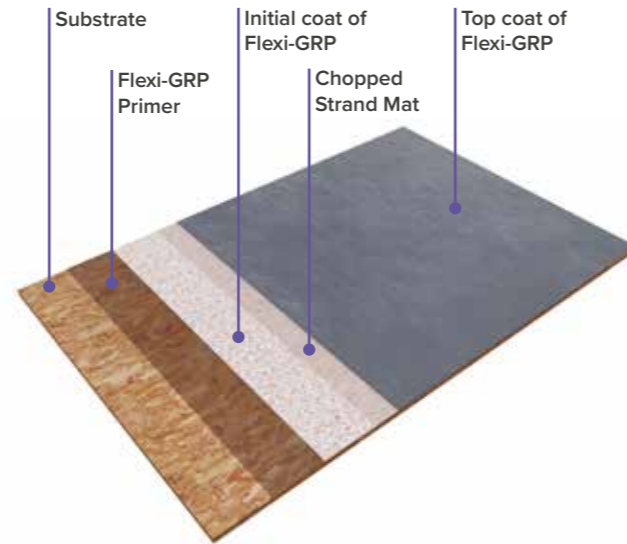
*Terms & Conditions Apply. When the relevant Chopped Strand Mat is used as part of the FIX-R GRP system. Register within 4 weeks of installation.

FIX-R FLEXI GRP SYSTEM

FIX-R Flexi-GRP makes the process of refurbishment of the waterproofing of a new roof, effective and long lasting.

Without the need for a separate resin and topcoat, Flexi-GRP gives a seamless and flexible finish that won't crack or peel, has a fire rating B_{ROOF}(t4) and can be used in temperatures down to 5°C.

With different weights of Chopped Strand Mat available as part of the system, we are able to offer systems that give either a 15, 20 or 25 year warranty*.



FEATURES & BENEFITS

- 15, 20 and 25 year material warranties*
- Fire rating B_{ROOF}(t4) system test
- Can be used in temperatures down to 5°C with the winter catalyst
- Can be applied to existing single ply, GRP, concrete, asphalt and bitumen in addition to new roofs
- Can be applied wet-on-wet removing the need for waiting for the base system to cure before applying the top coat
- FIX-R GRP range of trims can be used with this system

MATERIAL WARRANTY



15, 20 & 25 YEAR MATERIAL WARRANTY AVAILABLE*

FIRE RATING



B_{ROOF}(t4) BUILD UPS AVAILABLE**

*Terms & Conditions Apply. When the relevant Chopped Strand Mat is used as part of the FIX-R Flexi-GRP system. Register within 4 weeks of installation.

** Available on request fix-technical@sigroofing.co.uk

OUR SYSTEM

GRP SYSTEM

PREPARATION



GRP WOVEN GLASSFIBRE TAPE

This tape is used to bandage the joints in square edged OSB, join edge trims and corners together and cover/fill small gaps, producing a clean and neat finish.

Available in 50m rolls and in widths of 50mm and 75mm.



FLEXI-GRP PRIMER

This multi surface primer is for use when overlaying existing roofing substrates or on new surfaces to promote the adhesion of Flexi-GRP to the surface.

Available in 5kg €.

Hazard Classification: H319, H226, H361d, H315, H372



GRP ROOF CATALYST

The Catalyst is mixed with the Flexi-GRP Primer to start the reactive curing process before the mixture is then applied to the timber deck and over the pre-applied tape.

Available in 1kg, 5kg and 25kg €.

Hazard Classification: H242, H302+H332, H314



GRP CHOPPED STRAND MAT (CSM)

Chopped Strand Mat is used in the layering and continuous lamination of FIX-R GRP installations. It is applied to the wet surface and a further coat of resin is applied on top of the CSM, which is then sanded and left to cure.

Available in:

300GSM | 110m Roll Length | 15 Year Material Warranty when used as part of the system

450GSM | 18.5m, 37m & 74m Roll Lengths | 20 Year Material Warranty when used as part of the system

600GSM | 13.75m, 27.5m & 55m Roll Lengths | 25 Year Material Warranty when used as part of the system

FINISHING



FLEXI-GRP

Can be used as a basecoat to embed the CSM and the topcoat which is applied to protect the roof and give it a smooth, seamless finish.

Available in 18kg €.

Colour: Grey

Hazard Classification: H226, H315, H319, H317, H361d, H335, H372, H350, H340



GRP ROOF CATALYST

Catalyst is added to the topcoat of the Flexi-GRP to start the reactive curing process and the mixture is applied to the roof giving application viscosity, designed not to run and sag whilst applying.

Available in 5kg and 25kg €.

Hazard Classification: H242, H302+H332, H314

ALSO AVAILABLE



GRP ROOF WINTER CATALYST

An alternative catalyst that provides a faster cure speed particularly during the winter months or in cooler conditions throughout the year.

Available in 1kg €.

Hazard Classification: H242, H302+H332, H314



GRP ACETONE BRUSH/TOOL CLEANER

Acetone is used to clean uncured resin and topcoat from brushes, rollers and other tools.

Available in 1L, 5L and 25L €.

Hazard Classification: H225, H319, H336

FIX-R FLEXI GRP SYSTEM

IDEAL FOR

ASPHALT / FELT ROOFS	<input checked="" type="checkbox"/>
BALCONIES	<input checked="" type="checkbox"/>
CEMENT FIBRE ROOFS	<input type="checkbox"/>
COMMERCIAL	<input checked="" type="checkbox"/>
COMPLEX DETAILING	<input checked="" type="checkbox"/>
CORRUGATED METAL ROOFS	<input type="checkbox"/>
DOMESTIC	<input checked="" type="checkbox"/>
DORMER ROOFS	<input checked="" type="checkbox"/>
EXTENSIONS	<input checked="" type="checkbox"/>
FLASHINGS	<input type="checkbox"/>
GARAGES	<input checked="" type="checkbox"/>
GREEN ROOFS	<input type="checkbox"/>
HOSPITALS	<input type="checkbox"/>
LARGE ROOFS	<input checked="" type="checkbox"/>
NEW BUILD	<input type="checkbox"/>
RECOATING FAILED SINGLE PLY ROOFS	<input checked="" type="checkbox"/>
REPAIR / REFURBISHMENTS	<input checked="" type="checkbox"/>
SCHOOLS	<input type="checkbox"/>
SMALL ROOFS	<input checked="" type="checkbox"/>
WALKWAYS	<input checked="" type="checkbox"/>
WINTER APPLICATION	<input checked="" type="checkbox"/>



SCAN ME

To find out more about FIX-R FLEXI GRP SYSTEM

FIX-R BITUMINOUS MEMBRANES

Our Torch-On felt built up roofing systems are ideal for flat and pitched roofs and with a range of cost effective alternatives offering 10, 15 and 20 year warranties*, we're sure to have the solution for your project.

These systems offer a faster method of application than traditional Pour & Roll, as the modified bitumen is applied to the felt during manufacture. The roll is therefore heated onsite with a gas torch, allowing the modified bitumen to pour down the roll forming a pool onto which the felt is rolled.

Available in a range of colours, these felts have a high resistance to puncture and provide a breathable solution to new roofs or for the repair of existing felt and asphalt roofs.

FEATURES & BENEFITS

- Multiple systems available offering 10, 15 or 20 year material warranties*
- Cap Sheets have tough, polyester reinforcement for membrane strength and durability
- Rapid melt sacrificial backing speeds up application
- Adhesion facilitates all detailing work
- Resistant to puncture

MATERIAL WARRANTY



10, 15 & 20 YEAR MATERIAL WARRANTY AVAILABLE*

*Terms and Conditions Apply. When installed in accordance with British Standards Code of Practice.

OUR SYSTEMS

20 YEAR MATERIAL WARRANTY



SBS TORCH ON UNIVERSAL UNDERLAY

With an upper surface finished with fine sand, this underlay prevents penetration of water vapour and the damage that can be caused by this to roof construction.

20 SBS MODIFIED TORCH ON CAP SHEET

The upper most layer of the system, the 20 SBS Modified Torch On Cap Sheet is torch applied and is coated with an SBS rubber modified bitumen coating. This comes with a 20 year material warranty*.

PRODUCT	ROLL SIZE	FINISH	MAX ROLL WEIGHT	NOMINAL WEIGHT
SBS Torch On Universal Underlay	1m x 16m	Sanded	36kg	2.25kg/m ²
20 SBS Modified Torch On Cap Sheet	1m x 8m	Black	40kg	5kg/m ²

15 YEAR MATERIAL WARRANTY



SBS TORCH ON UNIVERSAL UNDERLAY

With an upper surface finished with fine sand, this underlay prevents penetration of water vapour and damage to roof construction.

SBS TORCH ON CAP SHEET

This SBS coated capsheet is finished with a factory applied choice of green, brown, blue-grey or black mineral granules or fine sand. The lower surface has a sacrificial film which rapidly melts during the torching operation.

PRODUCT	ROLL SIZE	FINISH	MAX ROLL WEIGHT	NOMINAL WEIGHT
SBS Torch On Universal Underlay	1m x 16m	Sanded	36kg	2.25kg/m ²
SBS Torch On Cap Sheet	1m x 8m	Green, Blue/Grey, Brown or Black	36kg	4.5kg/m ²

15 year material warranty NOT applicable

PRODUCT	ROLL SIZE	FINISH	MAX ROLL WEIGHT	NOMINAL WEIGHT
SBS Torch On Cap Sheet	1m x 8m	Sanded	36kg	4.5kg/m ²

10 YEAR MATERIAL WARRANTY



CLASSIC TORCH ON UNIVERSAL UNDERLAY

FIX-R Classic Torch On Universal Underlay consists of a glass tissue carrier coated with modified bitumen. The upper surface is finished with fine sand and the lower surface has a sacrificial film which rapidly melts during the torching operation.

CLASSIC SBS TORCH ON CAP SHEET

FIX-R Classic SBS Torch On Cap Sheets consist of a polyester carrier coated modified bitumen. The upper surface is finished with a factory applied mineral granules and the lower surface has a sacrificial film which rapidly melts during the torching operation. A 90mm sacrificial film selvedge facilitates bonding of side laps.

PRODUCT	ROLL SIZE	FINISH	MAX ROLL WEIGHT	NOMINAL WEIGHT
Classic Torch On Universal Underlay	1m x 16m	Sanded	33kg	2.063kg/m ²
Classic SBS Torch On Cap Sheet	1m x 8m	Green or Black	33kg	4.125kg/m ²

FIX-R BITUMINOUS MEMBRANES

IDEAL FOR

ASPHALT / FELT ROOFS	<input checked="" type="checkbox"/>
BALCONIES	<input type="checkbox"/>
CEMENT FIBRE ROOFS	<input type="checkbox"/>
COMMERCIAL	<input checked="" type="checkbox"/>
COMPLEX DETAILING	<input type="checkbox"/>
CORRUGATED METAL ROOFS	<input type="checkbox"/>
DOMESTIC	<input checked="" type="checkbox"/>
DORMER ROOFS	<input checked="" type="checkbox"/>
EXTENSIONS	<input checked="" type="checkbox"/>
FLASHINGS	<input type="checkbox"/>
GARAGES	<input checked="" type="checkbox"/>
GREEN ROOFS	<input type="checkbox"/>
HOSPITALS	<input type="checkbox"/>
LARGE ROOFS	<input checked="" type="checkbox"/>
NEW BUILD	<input type="checkbox"/>
RECOATING FAILED SINGLE PLY ROOFS	<input type="checkbox"/>
REPAIR / REFURBISHMENTS	<input checked="" type="checkbox"/>
SCHOOLS	<input type="checkbox"/>
SMALL ROOFS	<input checked="" type="checkbox"/>
WALKWAYS	<input type="checkbox"/>
WINTER APPLICATION	<input checked="" type="checkbox"/>



SCAN ME

To find out more about
FIX-R BITUMINOUS MEMBRANES

FIX-R PITCHED ROOFING

All the items to support your roofing system - enhancing the performance, and aesthetics of your pitched roof by providing ventilation and final finishing touches.



UNIVERSAL DRY FIX RIDGES KITS

Our Universal Dry Fix Ridge Kits include everything you need to secure ridge tiles at the roof apex. They protect against wind uplift and water penetration and conform to BS 8612: Dry Fixed Ridge, Hip & Verges Systems for Slating & Tiling.

Our kits contain a breathable ridge roll to cover the roof batten which is fastened to the tile or slate with its self adhesive strip to provide a water tight seal. Ridge tiles can then be installed over the ridge roll to secure it in place and across the apex of the roof using the fixings contained within the kit.

- Protects against wind uplift and water penetration
- Provides the recommended 5000mm²/m ventilation, equivalent to 5mm continuous gap requirements at the ridge, for the roof void
- Suitable for most hip and ridge applications, for pitches of 15° to 45°

Kit Contains:

- 1 Ventilated Ridge Roll (6m)
- 10 Ridge Batten Brackets
- 13 Universal Ridge Unions
- 1 Fixing Kit

Extension packs are also available for when installing clay ridge tiles.

UNIVERSAL DRY VERGE SYSTEM

Our Universal Dry Verge System is a mortar free solution that includes all the elements needed to ensure tiles are held securely in place without becoming vulnerable to wind dislodgement.

DRY VERGE UNITS

These units are universal so can be used on the left and right side of the roof verge. They are compatible with most tile types (with the exception of slate or high profile tiles) and are suitable for pitches between 15° and 55°.

- Each unit has a water drip channel to help prevent water staining
- UV stable
- Universal handed units, suit both sides of the roof
- Batten spacing 270-345mm

Available in black, brown, grey and terracotta.



RIDGE CAPS

Our Dry Fix Ridge End Caps are fitted over the end of the ridge tile, finishing off the installation of the dry verge units neatly at the top of the gable. The flexible flaps on the caps, contour around the verge piece, creating a sealed unit that prevents water ingress and infestation.

Our Ridge Caps are available in 2 formats:

- Half round caps offering a soft, subtle finish
- Angled ridge caps providing a sharper finish at the apex

Available in black, brown, grey and terracotta.

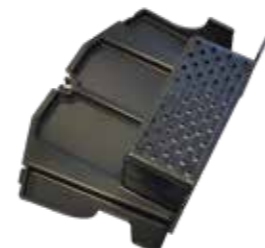


STARTER & END CAPS

Our Starter Caps are mechanically fixed to the end of the fascia board or brickwork before installing the first universal dry verge unit. This will prevent water ingress and infestation at the eaves.

Our End Caps fit over the final dry verge unit's grille at the roof's apex in order to create a neat finish to the verge installation whilst also providing protection against infestation and water ingress.

Available in black, brown, grey and terracotta.



VALLEY TROUGHS

We offer a range of valley troughs suitable for many different circumstances - for slate and tiles, for high and low profiled roofs.

All are made from GRP as an alternative to lead and all are dry fix, mortar-free installation. This makes them quicker to install in comparison with lead as they are lightweight so easier to handle and they are preformed to the required shape.

All our valley troughs have the following benefits:

- UV resistant
- No harmful run-off or staining
- Dry fix - eliminates issues associated with mortar installation and maintenance
- BBA Certificate 19/5689



OPEN VALLEY TROUGHS

Our Open Valley Troughs are available in two versions, for tiles roofs and for slate roofs. Both are made from GRP and provide secure drainage channels for inclined roof valleys.



DRY FIX VALLEY TROUGHS

These products provide hidden water gulleys at the roof valleys creating a close-cut appearance and eliminate the need for any counter battens and special eaves closure pieces. They are available in 2 profiles:

- Low Profile - for flat and plain tiles. Height 80mm
- High Profile - for profiled tiled roofs. Height 105mm



OVER BATTEN DRY FIX VALLEY TROUGHS

These products provide secure drainage for inclined roof valleys creating a close-cut appearance on your project.

- Low Profile (70mm) - suitable for plain tile, clay, concrete or slate
- High Profile (110mm) - suitable for profiled tile roofs



HIP SUPPORT TRAY

Our hip support trays support the hip tiles running across the peak of the roof in order to provide an even, level run. Made from PVC, they are a dry fix product eliminating the need for mixing and carrying mortar to bed down the cut hip tiles. Once installed, they provide a secure and discreet solution and an additional barrier against water ingress.

- Dry fix - no mortar required
- Additional barrier against water ingress

Colour: Black

We also offer a Hip Accessory Kit containing:

- 5 Hip Support Trays (1200mm x 250mm each)
- 26 Leg Ratchet Clips
- 20 Short Hip Clips
- 20 Long Hip Clips

Used in conjunction with our Dry Fix Ridge Kit along the hip of the roof - see page 18 for details on our Dry Fix Ridge Kits.

OVER FASCIA SLIDE & LOCK VENT

Our Over Fascia Vents provide discreet eaves ventilation by allowing a constant flow of air into the roof void between the felt and fascia board. Each 500mm long length can be clipped together to create 1000mm, has a male and a female end which interlock by simply sliding into place.

These vents are available in 2 capacities:

- The 10mm vent is suitable for conventional cold roofs with a ventilation area of 10,000mm²/m
- The 25mm vent is suitable for warm roofs, flat roofs and for roof pitches below 15°. Ventilation area is 25,000mm²/m

Benefits:

- Discreet method of roof ventilation
- Prevents entry of birds and large insects

Colour: Black



EAVES PROTECTION SYSTEM

Our Eaves Protection System is made from 100% recycled PVC and acts as a support tray that ensures any roof underlay does not drape into the gutter, preventing water ponding behind fascias and rotting of roof underlay, thus reducing maintenance levels.

It provides a clear drainage point into the gutter, directing water away from the underlay whilst also protecting the underlay from UV degradation.

It is recommended to install this system when existing fascia boards are being replaced or as a replacement for any rotting underlay at the eaves.

Available in 1.5m lengths.



UNDERCLOAK SOFFIT STRIP

Our FIX-R Undercloak Soffit Strip is a strong, fibre cement strip that is fixed at the roof verge, beneath the battens. It provides support for a mortar bed, allowing for good mortar adhesion whilst also offering a finish to the verge detail. Our Undercloak Soffit Strip is available in 4 sizes to suit various roof configurations.

FIX-R PROTECT & REPAIR SOLUTIONS

A range of solutions for the refurbishment and maintenance of an existing flat roof in order to protect and prolong its life.



FIX-RCRYL

FIX-Rcryl is a flexible and durable, all year round patch and repair solution for the refurbishment of existing flat or pitched roofs. The product is fibre reinforced in order that it is able to bridge gaps up to 10mm and once applied, offers instant shower protection.

FIX-Rcryl can be applied to a variety of different substrates including bituminous felt, asphalt, gutters, concrete, brickwork and metal surfaces.

- For the refurbishment of existing flat and pitched roofs
- 5 year material warranty (T&C's Apply)
- Bridges gaps up to 10mm
- Instant shower protection

Available in 5kg, 10kg and 20kg e.

Colour: Grey and Black

Hazard Classification: H312+332, H411, H226, H315, H372, H336



ALL WEATHER ROOF COATING

FIX-R All Weather Roof Coating is a flexible bituminous coating that can be applied to a variety of surfaces in order to protect and rejuvenate a flat roof.

This seamless waterproof coating contains reinforcing fibres for extra durability making it an ideal solution to prolong the life of existing roofing systems.

- For the refurbishment of existing flat roofs
- Contains reinforcing fibres for extra durability
- For added UV protection, slate flakes or chippings can be immediately sprinkled onto the top coat whilst still wet

Available in 25L e.

Colour: Black

Hazard Classification: H412, H226, H373, H336



ALUMINIUM REFLECTIVE PAINT

FIX-R Aluminium Reflective Paint acts as a solar reflective coating in order to protect metal and bituminous roofs from the effects of UV and heat ageing thus prolonging the life of the roof.

- Protects roofs against the effects of UV and heat ageing
- Ideal for dark coated roofs
- Treat highly absorbent and bitumen substrates first with Quick Dry Bitumen Primer

Available in 5L and 25L e.

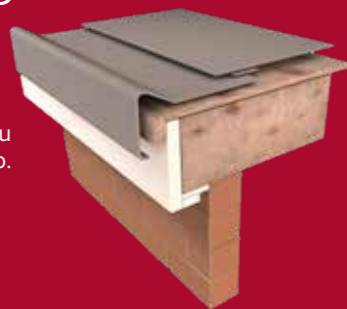
Colour: Aluminium

Hazard Classification: H304, H226, H336

DO YOU NEED TRIMS?

We have a wide range of high quality trims available so you can complete the job.

Contact your local FIX-R stockist to find out more.



FIX-R PRIMERS & ADHESIVES

A range of paints and primers that get the job done.

PRIMERS



BITUMEN PRIMER

FIX-R Bitumen Primer is a solution designed to seal and prepare surfaces for the application of bitumen waterproofing products and systems.

- Ideal for bitumen membranes and liquid maintenance products
- Dries in approximately 2 hours at 20°C

Available in 5L and 25L e.

Colour: Black

Hazard Classification: H412, H226, H372, H336



QUICK DRY BITUMEN PRIMER

FIX-R Quick Dry Bitumen Primer is a fast drying bitumen priming solution designed to seal and prepare dry or slightly damp surfaces prior to applying roofing felt and flashing tapes.

- Drying time is approximately 30 minutes at 20°C

Available in 5L and 25L e.

Colour: Black

Hazard Classification: H412, H304, H226, H336

ADHESIVES



ROOFING FELT ADHESIVE

FIX-R Roofing Felt Adhesive is used to bond successive layers of roofing membranes to a variety of different substrates. Bitumen based, it is also suitable for sealing laps on bituminous membranes and as a gritting adhesive to bond roof chippings to roofing membranes and mastic asphalt.

- Used to bond successive layers of roofing membranes to concrete, asphalt, metal, plywood, OSB3 and similar surfaces

Available in 5L and 25L e.

Colour: Black

Hazard Classification: H412, H226, H336



PU INSULATION BONDING ADHESIVE

FIX-R PU Insulation Bonding Adhesive is designed to bond a wide range of insulation including PIR, Mineral Wool and EPS to various roof substrates. Using the adhesive reduces the need for mechanical fixings.

- Product foams to provide gap filling properties
- Solvent free
- Adhesive can bond insulation straight to deck or to vapour control layer

Available in 5L e.

Colour: Pink

Hazard Classification: H351, H319, H334, H315, H317, H373, H335

FIX-R AVCL & AVCL PRIMER

FIX-R Air and Vapour Control Layer (AVCL) is a self-adhesive, modified bituminous membrane, with an aluminium foil laminate and glass fibre reinforcement.



AVCL

FIX-R Air and Vapour Control Layer (AVCL) is a self-adhesive bituminous membrane, with an aluminium foil laminate and glass fibre reinforcement.

The upper aluminium surface has a polyester coating that protects from alkalis and provides a suitable surface for polyurethane insulation adhesives to bond.

High vapour resistance enables it to be used in high-humidity environments, including swimming pools, sports halls, bathrooms and kitchens.

The AVCL is compatible with a range of common substrates including concrete, plywood, OSB, and metal decks. FIX-R AVCL will also withstand foot traffic during installation.

- Flame-free, cold application
- Puncture resistant and foot trafficable
- Self-adhesive
- High tear resistance and tensile strength
- Suitable for use in high-humidity environments



AVCL PRIMER

FIX-R AVCL Primer will improve adhesion generally, and enhance adhesion at the lower application temperature range. It is required on all porous and vertical substrates.

Available in 5.4L and 15L tins for roller application.

Hazard Classification: H410, H225, H315, H336

All the information in this product sheet is based on practical experience and is published in good faith. However, because we have no control over the manner or conditions in which our products are used, or over work undertaken or end product manufactured by the purchaser, we cannot accept liability for results.

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