



PITCHED AND FLAT ROOFING SOLUTIONS

LIQUID 10

INSTALLATION GUIDE



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.

To find out more about the full **FIX-R** product range, pick up a copy of our **Pitched & Flat Roofing Solutions brochure** at your local SIG Roofing branch, or download a copy now by scanning the QR code below or by visiting our website, www.fix-r.co.uk.



SCAN ME
To download your copy now



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

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FIX-R LIQUID 10 SYSTEM

FIX-R Liquid 10 is a cold-applied, rapid curing, solvented liquid waterproofing solution.

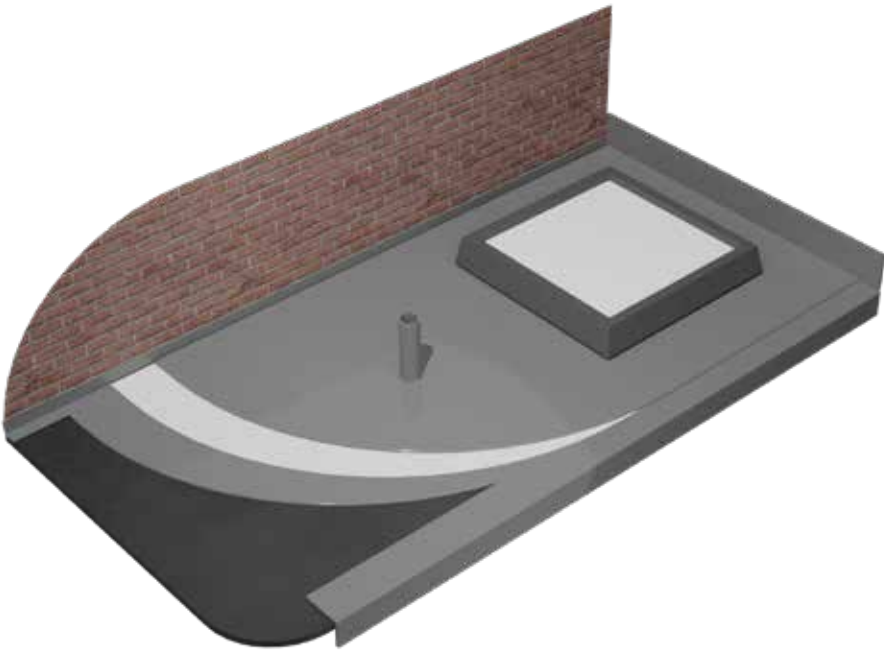
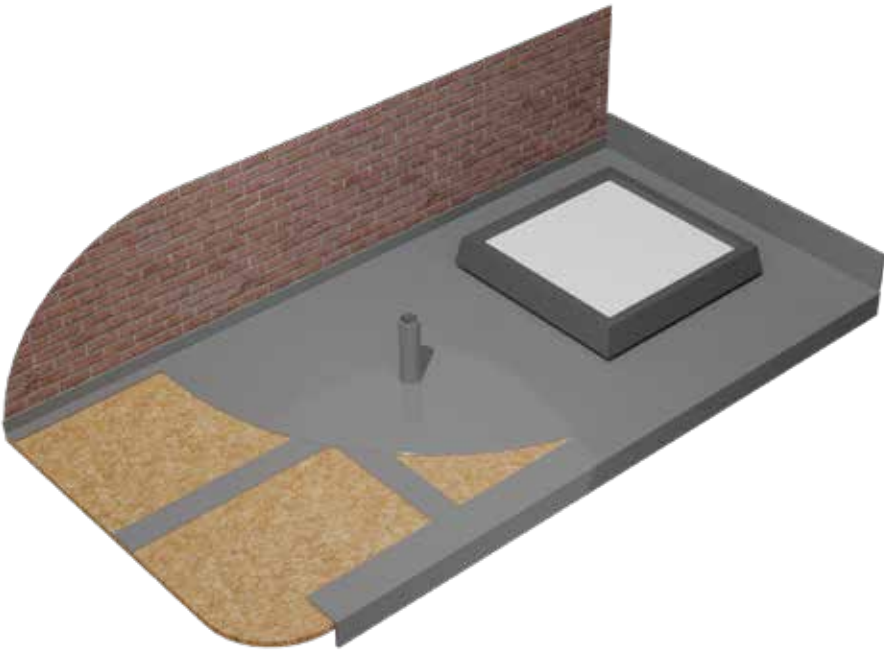
It can be applied over existing roof systems or onto new roofs, providing they are dry, creating a durable and seamless waterproof layer.

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 is skid inhibiting, ideal for balconies or walkways

FEATURES & BENEFITS

- 10 year material warranty*
- Seamless finish
- Thickening additive available for inclined/vertical surfaces
- Skid inhibiting additive available for balconies or walkways
- UV resistant



FIX-R LIQUID 10 SYSTEM	
IDEAL FOR	
ASPHALT / FELT ROOFS	<input checked="" type="checkbox"/>
BALCONIES	<input checked="" type="checkbox"/>
CEMENT FIBRE ROOFS	<input checked="" type="checkbox"/>
COMMERCIAL	<input checked="" type="checkbox"/>
COMPLEX DETAILING	<input checked="" type="checkbox"/>
CORRUGATED METAL ROOFS	<input checked="" 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 checked="" type="checkbox"/>
WINTER APPLICATION	<input type="checkbox"/>



SCAN ME

To find out more about
FIX-R LIQUID 10 SYSTEM

*When installed in accordance with British Standards Code of Practice. T&C's Apply.

FIX-R 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 and not safe for fish ponds.

Please refer to the Safety Data Sheet(s) prior to use, available on request or via www.sigroofing.co.uk/roofingproducts/fix-r/fix-r-liquid-10-system/

Storage Instructions can be found on the product label.

COVERAGE RATES

Minimum total consumption must be at least 1.5kg/m².

Suggestion: If the area to be treated is substantial, it is good practice to grid out the roof to ensure that the recommended coverage rates per m² are achieved.

CLEANING

Avoid staining surrounding areas.

Clean tools and equipment first with paper and then using a solvent based cleaner e.g Xylene based.

NOTE: Roller heads will NOT be reusable.



APPLICATION PROCEDURE

A. SURFACE PREPARATION & PRIMING

1. The Health & Safety Executive has published guidance for roof works HSG33 <https://www.hse.gov.uk/pubns/books/hsg33.htm>
2. Clean the surface to be treated with a high pressure washer or a stiff broom and soapy water to remove all oil, grease, wax contaminants, cement laitance and loose particles
3. FIX-R Primer 10 must be applied to all surfaces prior to the application of the waterproofing membrane
4. Make good all cracks and blisters and fill surface irregularities with a suitable product. Allow to fully dry
5. Apply Primer 10 at a sufficient coverage rate to seal the surface. Primer coverage rates will vary dependant on surface porosity. Allow primer coat to fully dry
6. Any gaps in the substrate over 2mm wide or movement joints must first be filled with FIX-R JointSeal 10 prior to the application of the FIX-R Fibred 10
7. If the membrane is to be applied over timber decks, OSB3 18mm must be used. The OSB must be primed before any further application
8. Once the Primer 10 has fully cured, the joints in the boards must be taped using Tape 10, ensuring that the tapes is placed evenly across the joints and fully adhered. It is recommended to create a fillet or cant strip using JointSeal 10 at the base of all upstands
9. If primed surface has been rained on then area must be dried and further primer applied

B. APPLICATION OF MEMBRANE

1. Use a low speed (300rpm) mixer. Mix thoroughly taking care not to introduce air into the liquid, creating bubbles
2. It is recommended that all detail and perimeter works are carried out before the main field areas
3. On vertical surfaces, internal/external corner details and outlets/pipe collars, Fibred 10 should be used at approximately 1.5kg/m² as this product is thixotropic so will not sag
4. Liquid 10 must be applied over this detail at approximately 0.5kg/m². Apply the material with a roller, brush or squeegee in one or two coats, ensuring that you achieve a bubble free and even application
5. Do not exceed 48 hours between coats as this will affect inter-coat adhesion. Surfaces that have exceeded 48 hours between coats will need to be primed with Primer 10 to ensure a proper bond to the previous coat

FIX-R 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 and 15kg €.
Colour: Grey

Hazard Classification: H226, H315, H319, H373

Please refer to the Safety Data Sheet(s) prior to use, available on request or via www.sigroofing.co.uk/roofingproducts/fix-r/fix-r-liquid-10-system/

Storage Instructions can be found on the product label.

COVERAGE RATES

As a stand-alone coating the minimum coverage rate is 1.8kg/m².

As a detailing membrane the minimum coverage rate is 1.5kg/m².

Fibred 10 must be over coated with Liquid 10 within 48 hours or further application of Primer 10 will be required.

Once opened, use as soon as possible.



CLEANING

Clean tools and equipment first with paper towels and then using a solvent based cleaner e.g Xylene based.

NOTE: Roller heads will NOT be reusable.

APPLICATION PROCEDURE

A. SURFACE PREPARATION & PRIMING

1. It is essential that the intended substrate is thoroughly cleaned with a high pressure washer; on smaller areas a stiff broom and soapy water will suffice. Remove all oil, grease and wax contaminants, cement laitance and loose particles
2. Make good all cracks and blisters and fill surface irregularities with a suitable product
3. Allow to fully dry
4. Apply FIX-R Primer 10 at a sufficient coverage rate to seal the surface. Primer coverage rates will vary dependant on surface porosity
5. Allow the primer coat to fully dry

B. APPLICATION OF MEMBRANE

1. Apply the Fibred 10 by brush or squeegee. Do not apply by paint roller.

FIX-R 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 €.

Please refer to the Safety Data Sheet(s) prior to use, available on request or via www.sigroofing.co.uk/roofingproducts/fix-r/fix-r-liquid-10-system/

Storage Instructions can be found on the product label.

APPLICATION PROCEDURE

A. SURFACE PREPARATION & PRIMING

1. Clean the joint thoroughly and ensure that no oil, grease, silicone or wax contaminants are present.
2. For most applications a primer is not required unless onto a very porous or friable surface. If primer is required, use FIX-R Primer 10. Bond area surfaces thoroughly to avoid the possibility of air bubbles being blown into the uncured product should the substrate temperature rise.
3. On applications where the depth of the expansion joint exceeds the width, then it is necessary to use an open cell polyurethane backing rod (of suitable size) to ensure a firm backing to the JointSeal 10 against which it can be tooled off.

B. APPLICATION

1. Slide the 600ml foil cartridge into the application gun, cut off the very end of the sealant packaging and fit the gun with the nozzle that has been cut to deliver the right bead size for the given application.
2. Extrude the JointSeal 10 into the joint ensuring that no air is trapped in the joint.
3. Wide joints may well require more than one pass of the application gun to ensure full contact of the JointSeal 10 with the sides and bottom of the joint.
4. Tooling of the JointSeal 10 is recommended immediately after application of the sealant to ensure that all air bubbles are excluded and a smooth finish provided, if other products are being applied over.

FIX-R 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 €.

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

Please refer to the Safety Data Sheet(s) prior to use, available on request or via www.sigroofing.co.uk/roofingproducts/fix-r/fix-r-liquid-10-system/

Storage Instructions can be found on the product label.

COVERAGE RATES

Approximately 0.1-0.3 ltrs/m² dependant on the porosity of the substrate.

For semi-porous substrates the coverage rate is typically 0.2ltrs/m².



CLEANING

Avoid staining surrounding areas.

Clean tools and equipment first with paper and then using a solvent based cleaner e.g Xylene based.

NOTE: Roller heads will NOT be reusable

APPLICATION PROCEDURE

A. SURFACE PREPARATION

1. It is essential that the intended substrate is thoroughly cleaned with a high pressure washer; on smaller areas a stiff broom and soapy water and rinse will suffice
2. Remove all oil, grease and wax contaminants, cement laitance and loose particles
3. Make good all cracks and blisters and fill surface irregularities with a suitable product
4. Allow to fully dry

B. APPLICATION

1. Apply Primer 10 at a sufficient coverage rate to seal the surface. Primer coverage rates will vary dependant on the surface porosity
2. Allow the primer coat to fully dry (approximately 2 hours but this is dependent on ambient air temperature and humidity)

FIX-R TRAFFIC 10

Use Traffic 10 to create a harder wearing, slip inhibiting coating over Liquid 10.

Available in 4L €.

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

Please refer to the Safety Data Sheet(s) prior to use, available on request or via www.sigroofing.co.uk/roofingproducts/fix-r/fix-r-liquid-10-system/

Storage Instructions can be found on the product label.

COVERAGE RATES

Subject to substrate porosity and application:
0.1 - 0.5ltr/m².

(The coverage rate is approximate and is dependent on quantity of Quartz used.)

CLEANING

Clean tools and equipment first with paper towels and then using a solvent based cleaner e.g Xylene based.

NOTE: Roller heads will NOT be reusable.



APPLICATION PROCEDURE

A. SURFACE PREPARATION & PRIMING

1. Clean the surface to be treated with a high pressure washer or a stiff broom and soapy water to remove all oil, grease, wax contaminants, cement laitance and loose particles.
2. Apply FIX-R Primer 10 as directed on the data sheet if required.

B. APPLICATION

1. Stir product thoroughly with a low speed mixer or manually, ensuring that air is not mixed into the liquid creating bubbles
2. Surfaces must be completely dry before product application

C. AS A SLIP-INHIBITING WALKWAY

1. Apply a light base coat by brush or roller to the prepared substrate (approximately 0.1ltr/m²) and whilst still wet, broadcast Quartz Aggregate at the desired coverage rate, then allow to dry
2. Brush off any excess Quartz Aggregate and apply a further light saturation coat to seal
3. Alternatively Quartz Aggregate can be mixed into the container of Traffic 10 and applied directly to the prepared surface by brush or roller
4. If applying over FIX-R Liquid 10 please allow a minimum of 72 hours to ensure full polymerisation has occurred before application
5. No primer is required for this application
6. Liquid 10 can be used to colour Traffic 10 but at no more than a 20% ratio

FIX-R 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.

Please refer to the Safety Data Sheet(s) prior to use, available on request or via www.sigroofing.co.uk/roofingproducts/fix-r/fix-r-liquid-10-system/

Storage Instructions can be found on the product label.



APPLICATION PROCEDURE

A. APPLICATION

1. Open the can of Liquid 10 and mix thoroughly before adding the Thixo 10
2. Open the foil pack of Thixo 10 and empty the desired amount by hand into the pail (left over material can be sealed and stored for later use)
3. The addition of Thixo 10 depends on the specific project requirements, but the recommended amount is 10-30% by weight
4. Mix the Thixo 10 gradually into the Liquid 10 using a low speed mixer, being careful not to introduce air into the mixture, until the required thickness is achieved
5. Apply the thoroughly mixed material to the previously primed substrate as described in this installation guide

FIX-R 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.



APPLICATION PROCEDURE

A. APPLICATION

1. Ensure the surface area to be bonded is solid, dry, clean and free from grease. FIX-R Primer 10 must be applied to the surface and fully cured before application
2. Cut tape to the required size and peel backing paper from the beginning of the roll.
3. Adhere the first section of tape to the beginning of the joint, applying pressure (ideally with a roller) to the tape as it makes contact with the substrate to ensure 100% adhesion between the substrate and tape.
4. Continue along the joint, removing the backing paper as required, ensuring that the tape is applied in a straight line.
5. Ensure an overlap of 50mm between tape joints as required.
6. Apply FIX-R Liquid 10 as per Installation Guidelines.

B. STORAGE

Store in a cool and dry place, away from excessive humidity and direct sunlight

FIX-R 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).



APPLICATION PROCEDURE

A. APPLICATION

1. Fabric 10 is applied between two coats of FIX-R Liquid 10
2. It can be used in the following conditions:
temperature range: 5-35°C and relative humidity:
<85%

B. STORAGE

Store in a cool and dry place, away from excessive humidity and direct sunlight.

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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