



PITCHED AND FLAT ROOFING SOLUTIONS

# TORCH ON FELT

## 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](http://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](mailto:fix-rtechnical@sigroofing.co.uk)

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# 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.

## MATERIAL WARRANTY



10, 15 & 20 YEAR MATERIAL WARRANTY AVAILABLE\*

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

## 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

## 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 <sup>2</sup>
20 SBS Modified Torch On Cap Sheet	1m x 8m	Black	40kg	5kg/m <sup>2</sup>

### 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 <sup>2</sup>
SBS Torch On Cap Sheet	1m x 8m	Green, Blue/Grey, Brown or Black	36kg	4.5kg/m <sup>2</sup>

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 <sup>2</sup>

### 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 <sup>2</sup>
Classic SBS Torch On Cap Sheet	1m x 8m	Green or Black	33kg	4.125kg/m <sup>2</sup>

## 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"/>
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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

# INSTALLATION

## APPLICATION

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Roof Maintenance and Operational works are best undertaken by competent/professional installers in accordance with prevailing British Standards and good roofing practice

FIX-R Torch On Capsheets should be installed in accordance with the codes of practice; BS 8217:2005 and BS 6229:2018.

The application should follow the recommended practices for torch-applied membranes.

The Health & Safety Executive has published guidance for roof works HSG33

<https://www.hse.gov.uk/pubns/books/hsg33.htm>

**Safe2Torch:** An NFRC campaign developed in partnership with contractor and manufacturer members of the NFRC, seeks to significantly reduce the risk of roof fires when using gas torches, either to dry out roofs or when used to install torch-on membranes. Visit [www.nfrc.co.uk/media-centre/campaigns/safe2torch](http://www.nfrc.co.uk/media-centre/campaigns/safe2torch) to find out more.

## PREPARATION

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The surface over which the membranes are to be installed should be clean and dry. If a primer is necessary, this must be allowed to dry completely. Porous or very dusty /friable surfaces may require a second coat of bitumen primer.

## INSTALLATION

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Apply the Torch On Capsheet by melting the heat dispersible backing and coating to create a molten flow in front of the roll. The flame of the torch should be applied at the low point where the roll meets the underlay. As the film and bitumen melts, roll the roofing membrane forward. Side joints in the sheets should be fully bonded and formed using the 75mm selvedge, end laps should be a minimum of 100mm. A bead of bitumen must exude from all side and end laps joints to ensure a seal.

In compliance with good roofing practice, completed work should be protected from damage, particularly if following trades will be working on or over the roof.

Care must be taken when applying these torch on membranes in close proximity to combustible materials, decorative coatings and heat sensitive materials.

## STORAGE

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Storage Instructions can be found on the product label.

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.

Responsibility for ascertaining the suitability of products for their purposes rests with the purchaser. All conditions, representations, statements, warranties or guarantees whatsoever, whether express, implied or statutory, in respect of any goods manufactured, sold or supplied by us are hereby expressly excluded and we accept no liability in respect of any claim for damage or consequential loss caused to any property arising directly or indirectly out of the use of our products or goods. FIX-R reserves the right to change product specifications without notice.

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