FIX-R

PITCHED AND FLAT ROOFING SOLUTIONS

# TORCH ON FELT

## INSTALLATION GUIDE



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WWW.FIX-R.CO.UK

## 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.




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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

PITCHED AND FLAT ROOFING SOLUTIONS

# 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

**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 | 40kg | 2.25kg/m² |
| 20 SBS Modified Torch On Cap Sheet | 1m x 8m | Black | 45kg | 5kg/m² |

### 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 | 40kg | 2.25kg/m² |
| SBS Torch On  Cap Sheet | 1m x 8m | Green or Black | 40kg | 4.525kg/m² |

15 year material warranty NOT applicable

| PRODUCT | ROLL SIZE | FINISH | MAX ROLL WEIGHT | NOMINAL WEIGHT |
|---|---|---|---|---|
| SBS Torch On Cap Sheet | 1m x 8m | Sanded | 40kg | 4.5kg/m² |

### 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 | 40kg | 2.063kg/m² |
| Classic SBS Torch On Cap Sheet | 1m x 8m | Green or Black | 40kg | 4.125kg/m² |

## FIX-R BITUMINOUS MEMBRANES

### 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 BITUMINOUS MEMBRANES

# INSTALLATION

## APPLICATION

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 to find out more.

## PREPARATION

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

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

Storage Instructions can be found on the product label.



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