

APP TORCH ON ROOFING SYSTEM



The FIX-R APP Torch On Roofing System is intended as a torch-applied built up roofing system for flat and pitched roofs. FIX-R APP membranes are ideal for new roofs and the repair of existing felt and asphalt roofs.

- Available in 4 colours
- Polyester
- Top Sheet, Capsheet and Underlayers
- Guaranteed 15 Years*

Description

The FIX-R APP Torch On Roofing System consists of reinforced bitumen membranes using polyester reinforcements with exceptional mechanical strength and dimensional stability. The reinforcements are impregnated and then coated with APP modified bitumen.

FIX-R APP Capsheets consist of a polyester carrier coated with APP modified bitumen. The upper surface is finished with a factory applied choice of green, brown, blue-grey or black 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.

FIX-R APP Top Layer consists of a polyester carrier coated with APP 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.

*When FIX-R Capsheet is used in conjunction with FIX-R Underlay.

Other System Products

FIX-R Torch On Universal Underlay consists of a glass tissue carrier coated with rapid flow rubber 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.

FIX-R Classic Universal Torch On Venting Layer is a product with 40 mm perforations specially designed for torch on systems, where partial bonding of the underlayer is required.

Nominal Dimensions and Weights

	Guarantee*	Product Code	Roll Length /Width	Finish	Roll Weight	Weight m ²
FIX-R APP Sanded Top Layer	15 years	10205577	8 x 1 m	Sand	36.0 kg	4.5 kg/m ²
FIX-R APP Capsheet	15 years	10205573	8 x 1 m	Green Mineral	38.0 kg	4.75 kg/m ²
FIX-R APP Capsheet	15 years	10205576	8 x 1 m	Blue-grey Mineral	38.0 kg	4.75 kg/m ²
FIX-R APP Capsheet	15 years	10205574	8 x 1 m	Brown Mineral	38.0 kg	4.75 kg/m ²
FIX-R APP Capsheet	15 years	10205575	8 x 1 m	Black Mineral	38.0 kg	4.75 kg/m ²
FIX-R Universal Underlay	15 years	10205566	16 x 1 m	Sand	36.0 kg	2.25 kg/m ²
FIX-R Classic Universal Torch On Venting Layer	-	10205578	20 x 1 m	Sand	28.0 kg	1.4 kg/m ²

* Build up must be installed in accordance with the British Standards Code of Practice.

* When FIX-R Capsheet is used in conjunction with FIX-R Underlay.

Performance Benefits

- Tough polyester reinforcement for membrane strength and durability.
- High resistance to puncture.
- Rapid melt sacrificial backing speeds torching application.
- Range of 4 mineral colours.

Uses

FIX-R APP membranes are designed to be torch applied to most recommended roof decks as part of a complete roofing specification. They must not be directly torched to combustible sub-structures.

FIX-R APP Capsheet is used as the external layer of the system and is also suitable for forming upstands and all detailing work.

FIX-R APP Sanded Top Layer can be used as the external layer of the system but it must always be protected with mineral chippings, promenade tiles or other suitable protective finish.

FIX-R Universal Underlay is designed for use installed beneath the Top Layer or Capsheets.

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Technical Characteristics

The following table gives typical values for FIX-R APP Capsheet.

Characteristic	Method	Units	FIX-R APP Capsheet
Tensile strength	EN 12311	N/50mm	710/600
Elongation at peak load	EN 12311	%	24/32
Resistance to tearing	EN 12310	N	210/215
Resistance to static loading	EN 12730(B)	kg	20
Flexibility at low temperature	EN 1109	°C	- 8
Watertightness at 10 kPa	EN 1928		PASS
External Fire Performance	EN 13501-5		F _{ROOF} (t4)

BS 8747 Classification

FIX-R APP Capsheet and Top Layer achieve Performance Class S4 as described in BS 8747: 2007.

Application

Storage

FIX-R APP membranes must be stored on end, on a clean, level surface away from excessive heat and under cover.

Preparation

The surface over which FIX-R APP membranes are to be installed should be clean and dry and the deck must comply with the relevant requirements of BS 6229:2003. 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

Normal good practice must be followed and be generally in accordance with BS 8217.

Protection

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.

Site Quality Control

Regular inspection of the work in progress should be made to ensure that the work is executed to a good standard and in accordance with the specification.

Site Safety

Guidance given in BS 8000: 1989 and the CDM Regulations: 2007 should be followed. Provision should be made for adequate scaffolding to ensure the safety of operators in accordance with health and safety requirements.