

SIGNature Fire Rated Cap Sheet

Part of the 20/25 year SIGNature warranty system

Features and Benefits

- Fire retardant as standard – EXT.FAA Rated
- 20 or 25 year guarantee dependant on SIGNature Underlay used
- Rapid flow SBS modified bitumen allows faster torching
- Visible bitumen beads at laps ensures accurate sealing
- High tensile strength, elongation and tear resistance
- Excellent puncture resistance against trafficking during installation work
- Low temperature flexibility -10°C

Description

SIGNature Fire Rated Cap Sheet is a high performance torch-on cap sheet incorporating a specially formulated fire retardant coating. It is a robust membrane, weighing 4.75kg per square metre, and is ideal for use by roofing professionals. SIGNature Fire Rated Cap Sheet is polyester based and incorporate a specially blended SBS modified bitumen coating with fast flow properties. Torching speeds are further enhanced by rapid melt sacrificial backing and selvedge films.

Product Details

| Product | SIGNature Fire Rated Cap Sheet |
|-----------------|--------------------------------|
| Roll weight | 38.0kg |
| Weight | 4.75kg/m ² |
| Roll Dimensions | 8m x 1m |
| Base Type | 170g/m ² Polyester |



Typical Properties

| Property | Test Method | Unit | SIGNature Cap Sheet | |
|-----------------------------|-----------------|--------|---------------------|------|
| Tensile strength | BSEN 12311-2000 | N/50mm | MD | >500 |
| | | | TD | >400 |
| Elongation at break | BSEN 12311-2000 | % | MD | >20 |
| | | | TD | >30 |
| Low temperature flexibility | BSEN 1109-2000 | °C | | <-10 |

Fire Retardant Formulation

In relation to fire performance, the potential penetration and spread of flame are primary considerations for designers and building control officers. An AA designation indicates the best performance that can be obtained. SIGNature Fire Rated Cap Sheet has been fire tested to BS476 Part 3: 2004 and achieved an EXT.FAA rating.

With SIGNature as your Cap Sheets, your flat roof build up (see below) will achieve EXT.FAA rating as standard, with no need for additional surface protection (as described in Approved Document B, Appendix A, Table A5, Part iii).

Application

SIGNature must be used as the Cap Sheets as part of the SIGNature built-up system to both new work or as a refurbishment overlay system to existing asphalt or felt roofs.

SIGNature Fire Rated Cap Sheet should be installed in accordance with BS 8217: 2005, Code of Practice for Reinforced bitumen membranes for roofing. The application should follow the recommended good practices for torch-applied membranes. Care must be taken when applying these torch on membranes in close proximity to combustible materials, decorative coatings and heat sensitive materials.

Apply SIGNature Fire Rated Cap Sheet 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 forward. Side joints in the sheets should be fully bonded and formed using the 75mm selvedge. NB. A bead of bitumen must exude from all lap joints to ensure a seal.

THE
SIGNATURE[®]
TORCH ON SYSTEM RANGE



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Full product literature, health & safety and technical sheets are available as downloads from our website www.sigroofing.co.uk or on request by email: info@sigroofing.co.uk

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