

# EABASSOC SBS

## TORCHING MEMBRANES

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**EABASSOC SBS Torching Membranes** are high performance torch-on waterproofing membranes based on SBS rubber modified bitumen, reinforced with a spunbonded polyester. Due to their excellent characteristics, they are particularly suitable for use in extreme conditions, either in very hot or very cold climates, or on superlight structures where a high degree of movement is expected. They are also ideal for roofs where regular traffic would put the waterproofing membrane under continuous risk of damage.

- STRONG** ~resist stresses due to building movement.  
~withstand rough handling during transportation, application and subsequent foot traffic
- FLEXIBLE** ~excellent flexibility means that it hugs the roof surface contours, reducing the risk of air entrapment.  
~withstands flexing of lightweight roofs, even at very low temperatures, without cracking.
- ELASTIC** ~accommodates expansion and contraction movement of the roof without visible distortion or crinkling.

**EABASSOC SBS Torching Membranes** are easily applied, either by the traditional pour and roll technique, or with cold adhesives, but especially by the flame torching method.

**EABASSOC SBS Torching Membranes** are guaranteed for 10 years, but will normally last for much longer.

### PRODUCT DESCRIPTION

**EABASSOC SBS Torching Membranes** are reinforced with a nonwoven, spunbonded polyester fleece weighing 180 g/m<sup>2</sup>. They are available in two different grades: **STANDARD GRADE** which are good quality, low cost membranes, and **SUPERIOR GRADE** which are made to very high standards, to ensure outstanding elongation and cold flex resistance properties.

Both grades are available in two different finishes:

**Sanded** has a top surface finished with a sand mixture. The membrane thickness is 4mm ± 0.2.

**Mineral** has solar reflective slate chippings applied to the top surface during the manufacturing process. This shields the membrane from UV radiation and heat, resulting in an even higher aging resistance. Available in several different colours. The membrane thickness is 4.2mm ± 0.2.

Both grades are supplied in 10m rolls.

(5mm thick grades are also available.)

## TECHNICAL DATA

### **SUPERIOR GRADE**

### **STANDARD GRADE**

Polyester Type:		spunbonded	spunbonded
Polyester Weight:		180 g/m <sup>2</sup>	180 g/m <sup>2</sup>
Tensile Strength:	Longitudinal	750 N/5cm	650 N/5cm
	Transverse	600 N/5cm	550 N/5cm
Elongation at Break:	Longitudinal	45%	45%
	Transverse	45%	45%
Cold Flex Resistance: (mandrel 20mm dia.)		-25°C	-20°C
Heat Flow Resistance:		115°C	110°C
Tear Resistance:		160 N	140 N

**EABASSOC SBS Torching Membranes** have excellent resistance to many chemical agents, humidity and micro-organisms, although they are not resistant to hydrocarbons such as solvents and gasoline.

## APPLICATION



**EABASSOC SBS Torching Membranes** are applied in the waterproofing of flat or pitched roofs, either as a single layer system or as the top layer in a built up roof. They are compatible with a wide array of deckings and roofing and insulation products. They can, therefore, be applied both in new constructions and in renewal work.

**Application can be loose laid, partially adhered or fully bonded.**

- Old, porous, dusty or stony surfaces should be treated with **EABASSOC Bitumen Primer** prior to the application of the membrane.
- The polythene backing sheet should not be removed prior to application...it will melt away under the heat of the flame.
- Seams must be carefully finished, especially with single ply application. During execution they must be pressed down firmly.

Roofs waterproofed with **EABASSOC SBS Torching Membranes** are virtually maintenance free. A regular inspection of the general appearance of the roof is recommended. Check all roofing details, particularly the side trimmings, gutters, expansion joints, etc. and clear all debris from water drains. This is best done twice a year: before and after winter.

03/05

All EABASSOC product information is given in good faith and every effort is made to ensure that it is accurate at time of issue. It is, however, the responsibility of the customer to ensure that products are suitable for the required purpose and if in doubt, sample orders should be taken for trial purposes.