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a.b.e.® Construction Chemicals

# slatex 2000

## REFLECTIVE WATERPROOFING MEMBRANE UNDER SLATE ROOFS

### DESCRIPTION

**slatex 2000** is a bituminised roofing felt, faced over half its width with a heat-laminated layer of aluminium foil.

### USES

Waterproofing layer laid under slate roofing tiles.

### ADVANTAGES

- Long lasting
- Prevent ingress of dust
- Waterproofs

### BONDING/PRIMING

No priming required.

### COVERAGE

Effective coverage per roll: 4,0 m<sup>2</sup>.

### APPLICATION

Starting at the lowest point of the slope, roll **slatex 2000** out across the roof parallel to the eaves. The aluminium foil strip must face upward on the lower half of the slatex. The **slatex 2000** is then nailed, with large headed copper clout nails, through the unprotected felt, onto a batten. In aggressive coastal environments it is safer to use Muntz metal (63 copper, 36 zinc, 1 tin) clout nails if available. After slating over the aluminium area the next strip of **slatex 2000** is applied in similar fashion so that the aluminium foil coated area of the second sheet overlaps the uncoated strip of the first sheet.

Work proceeds up the slope of the roof until the entire area has been slated. End laps in the felt must be overlapped by a minimum of 150mm.

### TYPICAL PHYSICAL PROPERTIES

Checked Characteristics	Unit	Norm ref.	Value
Length of roll	m	20 metres (-50mm, +10mm)	
Width of roll	mm	450mm (-3mm, +3mm)	
Width of aluminium facing	mm	225mm	
Raw felt area weight	g/m <sup>2</sup>	Uni 8202 p.7	300
Distillate bitumen area weight	g/m <sup>2</sup>		250
Filled oxidized bitumen area weight	g/m <sup>2</sup>		970
Sand area weight	g/m <sup>2</sup>		770
Mass per unit area	kg/m <sup>2</sup>		2,3 kg/m <sup>2</sup>
Mass of full roll	kg		20,5 kg (average)
Thickness of bituminous sheet (nominal)	mm		2,2mm
Thickness of aluminium (nominal)	micron		50 µm
Cold Flex (Pliability)°C	°C	Uni 8202.p.15	0°C, 4h Mand 20mm dia, 5 sec
Heat Stability	°C	Uni 8202.p.18	90°C, 2h in vent. device 90°C, 24h in vent. device
Tensile Strength	N/2.5cm	SABS	L: 250 T: 130
Elongation	%	SABS	L: 1,5 T: 3,5
Tear Strength	N	SABS 92-1981 p.7.11	L: 36 T: 24

**PROTECTION ON COMPLETION**

Apply slate tiles, which will act as the final finish.

**TEMPERATURE AND RELATIVE HUMIDITY**

Care must be taken when unrolling **slatex 2000** if the temperature is below 5°C.

**MODEL SPECIFICATIONS**

Aluminium foil laminated slaters underlay.

The slating underlay will be **slatex 2000**, an asphaltic waterproofing membrane with a fibre felt carrier incorporating a heat-laminated reflective aluminium facing over half its width, applied in accordance with the recommendations of **a.b.e.® Construction Chemicals**.

**PACKAGING**

**slatex 2000** is supplied in rolls of 20 m x 450mm.

**HANDLING & STORAGE**

This product has a shelf life of 24 months if kept in a dry cool place in the original packaging. In more extreme conditions this period might be shortened.

**HEALTH & SAFETY**

Refer to material safety data sheet for further information.

**CAUTION**

Rolls should be stacked upright, no more than three high.

**IMPORTANT NOTE**

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot – because **a.b.e.®** has no direct or continuous control over where and how **a.b.e.®** products are applied – accept any liability either directly or indirectly arising from the use of **a.b.e.®** products, whether or not in accordance with any advice, specification, recommendation or information given by the company.

**FURTHER INFORMATION**

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **a.b.e.® Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology.

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