

# PRODUCT DATA SHEET

## SBS 180 Polyester Capsheet

### PRODUCT COMPLIANCE



BS EN 13707:2004+A2:2009

CPR 305/20011/EU

UK 0836-CPR-13/F049

Upper Surface	Mineral granules with a HDPE filmed selvedge edge
Lower Surface	Silica Sand
Material	SBS Modified bitumen
Base Carrier	180g Spunbonded Polyester

Characteristic	Test method	Result	Units	Tolerance
Roll length	BS EN 1848-1	10	m	±150mm
Roll width	BS EN 1848-1	1	m	±1.5%
Roll weight	BS EN 1849-1	34	kg	±7.5%
Mass per unit area	BS EN 1849-1	3.4	kg m <sup>2</sup>	±0.2
Visible defects	BS EN 1850-1	PASS	-	-
Watertightness	BS EN 1928 (A)	PASS	-	-
Straightness	BS EN 1848-1	PASS	-	-
Tebstile strength	BS EN 12311-1	890 (LD); 590 (TD)	N/50mm	-
Elongation at maximum load	BS EN 12311-1	38 (LD); 46 (TD)	%	-
Resistance to tearing	BS EN 12310-1	150 (LD); 140 (TD)	N	-
External fire performance	BS EN 13501-5	TROOF (t4)	-	-
Reaction to fire	BS EN 13501-1	CLASS F	-	-
Cold Bend Flexibility	BS EN 1109	≤ -5	°C	-
Flow resistance at elev. temp	BS EN 1110	>90	°C	-

NPD = No Performance Declared. LD = Longitudinal. TD = Transverse Direction.

### Standard Product Length & Weight

Mineral Capsheet	10m	34kg	25 Rolls Per Pallet
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\*Other lengths available upon request, dependent upon volume

### Product Description

Rose Roofing SBS 180 Polyester Capsheet is a high performance SBS modified bitumen membrane.

### Type of application

SBS 180 Polyester Capsheet is intended for use as a 'pour-and-roll' capsheet in a bitumen built-up roof system. Membranes should be installed in accordance with the manufacturer's guidelines. A Guarantee of up to 20 years can be obtained by using a built up system in accordance with Rose Roofing's Guarantee Specifications.

### Compatibility

The material is compatible with all materials normally used in roofing structures and finishes and may be cut and formed using techniques described in BS8217: 2004. There are no harmful side effects associated with this material. Hydrocarbon solvent based products, such as naphtha, paraffin and creosote will have a harmful effect and should not be allowed to come into contact with the material.

### Storage & Handling

Do not drag rolls across rough surfaces, always lift. Rolls should be stored upright on a dry surface. During colder periods it is recommended that rolls are store in a temperature above 10°C for 24 hours prior to use. During storage exposure to direct sunlight is to be avoided. Do not use in temperatures below 5°C.

**Mineral Colours Available** Green, Red, Mixed Brown, Charcoal, Blue/ Grey.

NOTE: Trials have indicated significant differences in the surface temperature between mineral finished. Charcoal on average retained heat up to 10°C higher than mixed brown. For superior UV protection, the lighter mineral finishes have proven more effective.

NOTE: Rose Roofing is continually investigating methods of improving both quality and performance and therefore reserves the right to change specifications and product composition without prior notice.

# PRODUCT DATA SHEET

## SBS 180 Polyester Underlay

### PRODUCT COMPLIANCE



BS EN 13707:2004+A2:2009

CPR 305/20011/EU

UK 0836-CPR-13/F049

Upper Surface	Silica Sand
Lower Surface	Silica Sand
Material	SBS Modified bitumen
Base Carrier	180g Spunbonded Polyester

Characteristic	Test method	Result	Units	Tolerance
Roll length	BS EN 1848-1	20	m	±150mm
Roll width	BS EN 1848-1	1	m	±1.5%
Roll weight	BS EN 1849-1	36	kg	±7.5%
Mass per unit area	BS EN 1849-1	1.8	kg m <sup>2</sup>	±0.2
Visible defects	BS EN 1850-1	PASS	-	-
Watertightness	BS EN 1928 (A)	PASS	-	-
Straightness	BS EN 1848-1	PASS	-	-
Tebstile strength	BS EN 12311-1	890 (LD); 590 (TD)	N/50mm	-
Elongation at maximum load	BS EN 12311-1	38 (LD); 46 (TD)	%	-
Resistance to tearing	BS EN 12310-1	150 (LD); 140 (TD)	N	-
External fire performance	BS EN 13501-5	TROOF (t4)	-	-
Reaction to fire	BS EN 13501-1	CLASS F	-	-
Cold Bend Flexibility	BS EN 1109	≤ -5	°C	-
Flow resistance at elev. temp	BS EN 1110	>90	°C	-

NPD = No Performance Declared. LD = Longitudinal. TD = Transverse Direction.

### Standard Product Length & Weight

Sanded Underlay	20m	36kg	25 Rolls Per Pallet
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\*Other lengths available upon request, dependent upon volume

### Product Description

Rose Roofing SBS 180 Polyester Underlay is a high performance SBS modified bitumen membrane.

### Type of application

SBS 180 Polyester Underlay is intended for use as a 'pour-and-roll' underlay in a bitumen built-up roof system. Membranes should be installed in accordance with the manufacturer's guidelines. A Guarantee of up to 20 years can be obtained by using a built up system in accordance with Rose Roofing's Guarantee Specifications.

### Compatibility

The material is compatible with all materials normally used in roofing structures and finishes and may be cut and formed using techniques described in BS8217: 2004. There are no harmful side effects associated with this material. Hydrocarbon solvent based products, such as naphtha, paraffin and creosote will have a harmful effect and should not be allowed to come into contact with the material.

### Storage & Handling

Do not drag rolls across rough surfaces, always lift. Rolls should be stored upright on a dry surface. During colder periods it is recommended that rolls are store in a temperature above 10°C for 24 hours prior to use. During storage exposure to direct sunlight is to be avoided. Do not use in temperatures below 5°C.

NOTE: Trials have indicated significant differences in the surface temperature between mineral finished. Charcoal on average retained heat up to 10°C higher than mixed brown. For superior UV protection, the lighter mineral finishes have proven more effective.

NOTE: Rose Roofing is continually investigating methods of improving both quality and performance and therefore reserves the right to change specifications and product composition without prior notice.