

RoofGuard-SB

Product Data Sheet

Spun-Bonded Polypropylene Slate And Tile Underlay

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Features and benefits

- BBA certified – 07/4463
- Waterproof membrane
- High coverage roll size
- High tensile and tear strength
- Clean and easy to handle and install
- No internal condensation drip off
- Long term durability
- UV stable
- Lightweight and flexible

Description

RoofGuard-SB is a BBA certified, lightweight high performance underlay for pitched tiled and slated roofs, ventilated in accordance with BS 5534: 2003. Installed in the same manner as conventional tile and slate underlays, RoofGuard-SB prevents the ingress of wind-blown dust, rain and snow into the roof void. The lightweight fabric type construction makes it clean and easy to handle, and the high coverage roll size allows rapid installation.

RoofGuard-SB is a three-layer construction, comprising two UV stabilised, high tensile polypropylene fabric layers fused together by a combination of heat and pressure, around an impervious polypropylene film. RoofGuard-SB is blue in colour and printed on the topside with the product name and special grid pattern, to assist cutting and reducing wastage.

Product details

Dimensions and weights		
Roll weight kg		6.3
Weight kg/m ²		0.14
Roll length m		45
Roll width m		1.0
Roll area m ²		45
Colour		Blue
Product Code		11560000
Typical performance		
Tensile strength (ISO 9073-3:1989)	MD	220 – 270 N/50mm
	CD	170 - 220 N/50mm
Elongation N/50mm (ISO 9073-3:1989)	MD	50 - 65%
	CD	55 - 70%
Tear Resistance (ISO 9073-3:1997)	MD	110 - 140N
	CD	120 - 150N

Notes

1. As with all membranes of this type, contact with solvents or wet timber preservatives can cause localised water penetration to occur, prior to the main weatherproofing being installed.

2. In accordance with BS 5534: 2003 - Section 5.5.2.7 (c), where a roof underlay is to be laid over open rafters, a drape of between 10mm to 15mm between the rafters is desirable to guide any rainwater penetrating the main roof finish away from the rafters to the drainage point. (The membrane must not be pulled tight against the underside of the tiling battens.)

Application

RoofGuard-SB must be installed in accordance with the relevant sections of BS 5534: 2003 and Ruberoid fixing instructions. As with all underslating materials, RoofGuard-SB is designed as a secondary barrier to wind-driven rain and snow; it should not be considered a primary waterproofing layer. Whilst the product is UV stable for up to four months exposure, good roofing practice dictates that the primary waterproofing finish (e.g. tiles, slates etc.) be applied as soon as practically possible. Underslating membranes should not be considered as the sole temporary weatherproof protection for occupied buildings or where internal fitting out is taking place. Additional protection should be afforded in these circumstances.

Roof pitch	Minimum horizontal lap (mm)	Minimum vertical lap (mm)
12.5° – 14°	225	100
15° – 34°	150	100
35°+	100	100

Information taken from BS 5534: 2003

Eaves

Tiles or slates should overhang the centre of the gutter. To avoid any risk of creating a water trap behind the fascia, the underslating membrane should be supported on a continuous tilting fillet at the eaves. It is recommended that where underslating is to be dressed into a half round external gutter, **Ruberoid Eaves Protection Strip** be utilised in this area.

Valleys

A valley underlay strip of RoofGuard-SB should be provided at least 600mm wide, laid under the main roof underlay and held down by the valley battens. The main roof underlay should be dressed over the valley battens.

Hips and Ridges

A strip of RoofGuard-SB at 600mm wide should be laid over hips/ridges and above the underlay to the main roof (300mm to each side).

Abutments

Flashings should be wedged into a mortar joint 25mm deep and at least 150mm above the level of the slates or tiles. The RoofGuard-SB underlay should be turned up behind the flashing at least 100mm to prevent rain and snow being blown into the roof-space.

Ventilation

RoofGuard-SB slate and tile underlay has a similar water vapour permeability to that of conventional roof tile underlays. Ventilation requirements are described in BS 5534: 2003 and in BS 5250: 1989 (1995), and the installation of RoofGuard-SB should be carried out in accordance these codes. When considering ventilation of the roof-space, RoofGuard-SB should be considered as an impervious underlay.

Other products

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

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