

FIREBLOCK SOLAR PV

NOBB modulnr. 41715059

Bridgehill FireBlock Membrane is a fire-resistant underlayment engineered for installation beneath solar panels. Its purpose is to stop fires from spreading from the panels into the roof structure. In the event of a solar panel fire, the membrane acts as a barrier, blocking flames and radiant heat while safeguarding insulation, timber, and other combustible materials within the roof assembly.

Upcoming Certifications

CE-Certified
EN 13501 -1
EN 13501 -5
ASTM 108
Sintef tecnical aproval

Key Benefits

- Blocks fire and heat from solar panels
- Suitable for both new and existing roofs
- Up to 5% higher solar yield with bifacial PV panels
- Installs like a standard roofing underlayment



Quantity Calculation

Roll dimensions & weight:

 34,5 m²
371,35 ft²

 1,15 m x 30 m
3,77 ft x 98.43 ft

 35 kg
77.16 lbs

Bulk quantities:

 Single rolls

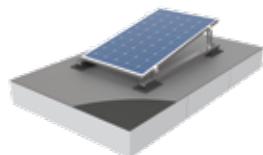
 1 pallet
12 rolls



System Options

Refer to the full installation manual for detailed instructions.

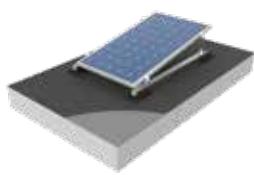
Low-slope Roof Systems



1.1

For installation under the waterproofing membrane

Build-up: structural deck → vapor barrier → insulation → FireBlock → waterproofing membrane → solar panels

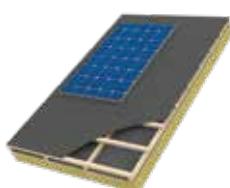


2.1

For installation over the waterproofing membrane

Build-up: structural deck → vapor barrier → insulation → waterproofing membrane → FireBlock → solar panels

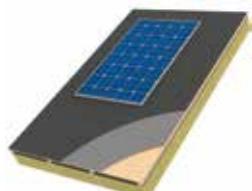
Pitched Roof Systems



3.1

For installation on battens

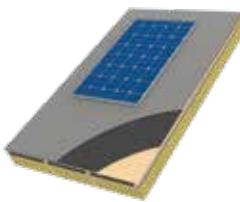
Build-up: Roof beams with insulation → underlayment (e.g. Tyvek) → battens and structural deck → FireBlock → solar panels.



4.1

For installation on sheeted roof over bitumen

Build-up: Roof beams and insulation → underlayment (e.g. Tyvek) → battens/counter-battens → wooden deck → bitumen membrane → FireBlock → solar panels



4.2

For installation on sheeted roof under bitumen

Build-up: Roof beams and insulation → Underlayment (e.g. Tyvek) → battens/counter-battens → wooden deck → FireBlock → bitumen membrane → solar panels

Technical Sheet

SKU:	
Primary Application:	Roof fire barrier membrane designed to prevent fire spread.
Size/Weight	Metric: 1,15 m x 30 m \approx 35 kg \approx 34,5 m ² Imperial: 98,43 ft x 3,77 ft \approx 77 lbs \approx 371 ft ²
Service temperature on core fabric	Short term \pm 1600 °C / 2912 °F Long term \pm 800 °C / 1472 °F
Upcomming Certifications	<ul style="list-style-type: none">EN 13501-1EN 13501-5ASTM 108Sintef
Material	Silica, Alumina, Calcium oxide and Boron oxide Bridgetech™ Polymer Coating