BRIDGEHILL
WE SIMPLY BLOCK FIRE

FireBlock
Solar PV Membrane

V.2.1
07.2026

Certifications

- Broof (t2)
- Broof (t4)
- EN 13501-1 | A1 classification | Core fabric

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.

Key Benefits

- Blocks fire and heat from solar panels, wildfire & ember storm
- 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

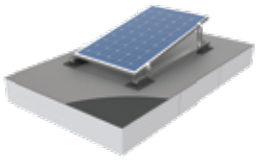
Roll dimensions & weight:	34,5 m² 371,35	1,15 m x 30 m 3,77 ft x 98.43 ft	35 kg 77.16
Bulk quantities:	Single rolls	1 pallet 24 rolls	



System Options

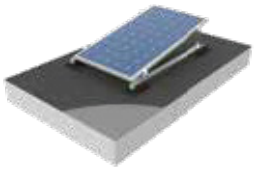
Refer to the full installation manual for detailed instructions.

Low-slope Roof Systems



1.1 For installation under the waterproofing membrane

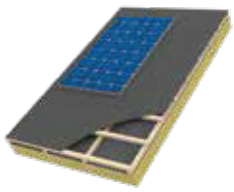
Build-up: Insulation → FireBlock → waterproofing mem brane → solar panels



2.1 For installation over the waterproofing membrane

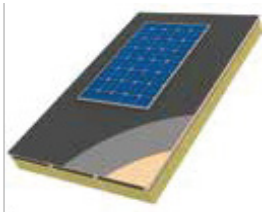
Waterproofing membrane → FireBlock → solar panels

Pitched Roof Systems



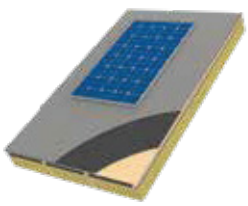
3.1 For installation on battens

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	600401041 FireBlock Membaren Solar PV | White Surface 600401042 FireBlock Membrane Solar PV | Black Surface
HS Code	70.19.9900
Dimension	±5 % 1,15 × 30 m | ±5 % 3,77 × 98,43 ft
Material Composition	Coating: BridgeTech™ polymer coating Fabric: Silica, Alumina, Calcium oxide and Boron oxide
Disposal Guidelines	Check Local Regulations
Service Tempreture on the core fabric	Short Term ± 1600 °C | 2912 °F Long Term ± 800 °C | 1472 °F
Safety Notice	Please always follow the Safety Data Sheet (SDS) and the installation instructions provided by Bridgehill AS.