TECHNICAL DATA SHEET

SolarFlash® Slate New Build Kit



Installation Guidance

1. **Fix Brackets** - Secure roof brackets to rafters in line with manufacturer's guidelines.
2. **Check Clearance** - Ensure minimum 30mm clearance and use shims where required.
3. **Slate to Position** - Install slates as normal up to the bracket.
4. **Cut Slates** - Cut slate(s) to allow bracket to pass through without contact.
5. **Install Foam** - Fit foam tightly around bracket drop.
   Foam must be used to ensure sealing.
6. **Fit SolarFlash®** - Position over bracket and ensure correct alignment.
7. **Complete Slating** - Continue slating and cut neatly around the flashing.
8. **Final Check** - Confirm seal, clearance, and slate alignment.

See our website below for full installation guidance.

Key Features:

- Quick and straightforward installation
- Provides a durable weathertight seal around roof brackets
- Designed for double lap slate systems
- Maintains up to 100mm (4") head lap
- Widely used by installers, roofers, developers and housing associations

Product Identification

Product Name:
SolarFlash® Slate New Build Kit

Product Code:
SFS001

Manufacturer:
Genius Roof Solutions

The SolarFlash® Slate New Build Kit is a simple and effective waterproof flashing solution for installing roofing slates around solar PV roof brackets on new build slate roofs.

Designed for ease of installation, it enables installers to deliver a neat, reliable, and weatherproof finish while maintaining standard roofing practices.

Suitable for:

- New build slate roofs (natural and fibre cement)
- Solar PV and other roof-mounted systems
- Residential and commercial roofing projects

The system is designed for slate lengths up to 600mm (24").

Technical Specification

Attribute	SolarFlash® Large	Foam	Shim
Image			
Quantity	1	1	2
Product Code	SFS010	FOA001	SHI001
Supplier/ Manufacturer	Connections Plastics Ltd	Recticel Flexible Foams (Carpenter Co.)	Guangxi Fushui Jinlun Woods Co. Ltd
Purpose	Waterproof flashing for slate roofs	Seals hood	Lifts roof anchor/bracket
Testing	Density Melt Flow Index Tensile Strength Flexural Modulus Hardness Izod Impact Strength Vicat Softening Point Heat Deflection Temperature Flammability UV Resistance	Fire resistance Acoustic performance	Mechanical Strength Bonding Moisture Density Fire performance
Standards	BS 5534	ISO 845 ISO 3386 ISO 1856/A ISO 1798	EN 13986:2004+A1:2015 EN 636-2 EN 310 EN 314-1 EN 314-2 EN 32 EN323

Technical Data

Attribute	SolarFlash® Large	Foam	Shim
Dimensions	365 × 365 × 40mm	55 x 40 × 40mm	100 × 500 × 9mm
Net Weight	0.2455kg	0.0063kg	0.0273kg
Material	Polypropylene with carbon black, & flame retardant	FIREFLEX® T30N Polyether Foam	Eucalyptus throughout hardwood plywood FSC certified
Commodity Code	39259010	3921131090	44121000