

TECHNICAL DATA SHEET

SpeedFlash® Kit



Installation Guidance

Tools: Angle grinder, snips, impact driver

1. **Locate rafter** – Mark centre line on slates.
2. **Mark top slate** – 190mm up from bottom; draw horizontal line.
3. **Mark cut width** – 37.5mm left/right of centre; draw vertical lines.
4. **Insert shield & cut top slate** – Protect lower course; cut marked area.
5. **Create working area** – Mark 110mm up on lower course; cut between 110mm & 190mm lines.
6. **Position bracket** – Add shims if needed for clearance.
7. **Trim SpeedFlash®** – Cut to suit slate size.
8. **Insert SpeedFlash®** – Top edge touches nails.
9. **Secure with spring support** – Hook under slate, attach to base.
10. **Fix bracket** – Install securely.
11. **Seal with foam** – Around bracket drop at bottom opening.
12. **Attach cap** – Slide onto lip, press until clasps click.

Notes

- Designed to maintain 3" head-lap in line with BS 5534 roofing standards.
- Shield is reusable and protects lower slates during cutting.
- Avoid excessive force on plastic components in cold conditions.
- Foam insert prevents snow ingress and wind-driven moisture.

Product Identification

Product Name:

SpeedFlash Kit®

Product Code:

SPF005

Manufacturer:

Genius Roof Solutions

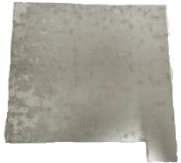
The SpeedFlash® is a revolutionary, quick-fit solution for solar installations on slate roofs. Ideal for:

- Waterproof fitting around solar PV or other panel brackets
- Preserving roof integrity with a no-drill-through-slate method
- Fast installation on 18"-24" slates (works with 16" slates using reduced area)
- Minimising slate removal during bracket fitting

Key Features:

- BRE-tested for deluge and wind-driven rain (*report available*)
- Durable polypropylene with UV stabiliser and flame retardant
- Fits brackets up to 80 mm fixing plate height (*not for Pantile/wide plate brackets*)
- Marine grade 316 stainless steel spring support
- Foam seal ensures a weatherproof finish

Technical Specification

Attribute	SpeedFlash® Base & Cap	Foam	Shim	Spring Support	Shield
Image					
Quantity	1	1	2	1	1
Product Code	SPF002 & SPF003	SFFOAM001	SHI001	SPF001	SPF008
Supplier/ Manufacturer	Dee Bee Performance Plastics Ltd	Recticel Flexible Foams (Carpenter Co.)	Guangxi Fushui Jinlun Woods Co. Ltd	Protoform Springs & Pressings Ltd	AK Stainless Ltd
Purpose	Waterproof flashing for slate roofs	Seals hood	Lifts roof anchor/bracket	Keeps SpeedFlash® in place	Protects slate course during cutting
Testing	Density Melt Flow Index Tensile Stress Flexural Modulus Impact Strength Heat Deflection Temperature Flammability UV Resistance	Fire resistance Acoustic performance	Mechanical Strength Bonding Moisture Density Fire performance		
Standards	ISO 1183 ISO 1133 ISO 527-1 ISO 178 ISO 180 ISO 75-1	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	SpeedFlash® Base & Cap	Foam	Shim	Spring Support	Shield
Dimensions	365 x 365 x 55mm	80 x 70 x 40mm	100 x 500 x 9mm	115 x 20mm	170 x 170mm
Net Weight	0.2455kg	0.0063kg	0.0273kg	0.0035kg	0.236kg
Material	Virgin Polypropylene with 8% Black FR/UV Masterbatch	FIREFLEX® T30N Polyether Foam	Eucalyptus throughout hardwood plywood FSC certified	316 grade marine stainless steel	1.2mm galvanised steel
Commodity Code	39259010	3921131090	44121000	73209090	7226997093