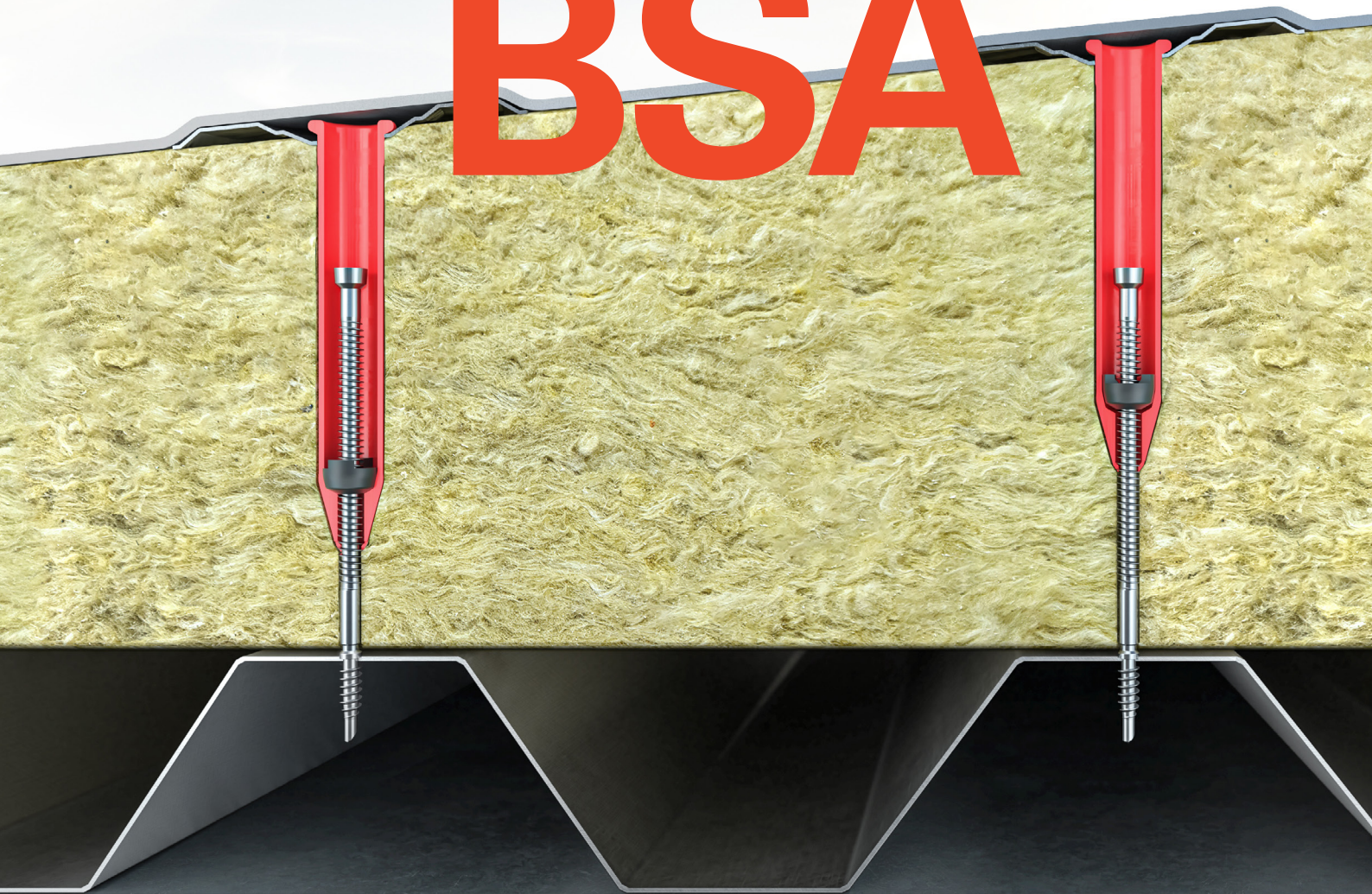


SFS

Fastening system **BSA**



Adjustable, telescopic sleeve fastening system
for tapered insulation on profiled steel decks

One combination

For various application thicknesses

The increased use of tapered insulation systems on flat roofing projects combined with thicker insulation due to changes in building regulations brings a definite need to reduce installer complexity when mechanically installing insulation and membrane layers. The new innovative and unique BSA fastening system builds on existing fastener technology and offers a self-drilling adjustable fastener to provide the installer with a simple and cost effective solution for tapered insulation on steel decks. The BSA fastening system can be used for seam or field fastening membrane applications, with a maximum setting depth of only 20mm, below the substrate.



For a SAFE roof installation

Security

The telescopic nature of the fastening system allows the sleeve to move vertically and freely when increased loads are applied, and returns to its original position once the load has been removed.

Minimum Penetration

Only 20mm deck crown penetration with every fastener.

Adjustability & Simplicity

Up to 85mm of adjustability with each fastener results in fewer product combinations. Easier procurement and reduced installation time.

System Flexibility

The BSA fastening system can be used for insulation attachment and also for membrane attachment with either traditional seam or field fastening applications.

Installer Friendly

Offers a fast and simplified installation process. Saves time, saves cost.




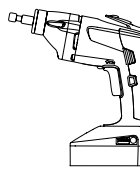
System combinations (sleeves + fastener)

Sleeve type	Fastener type	Clamping min. (mm)	Clamping max. (mm)
FI-R-20×70	BSA-N-4,8×110	100	120
FI-R-20×100	BSA-N-4,8×110	115	150
FI-R-20×130	BSA-N-4,8×110	145	180
FI-R-20×130	BSA-N-4,8×160	150	230
FI-R-20×160	BSA-N-4,8×160	175	260
FI-R-20×190	BSA-N-4,8×160	205	290
FI-R-20×230	BSA-N-4,8×160	245	330
FI-R-20×270	BSA-N-4,8×160	285	370
FI-R-20×300	BSA-N-4,8×160	315	400
FI-R-20×330	BSA-N-4,8×160	345	430

Stress plates

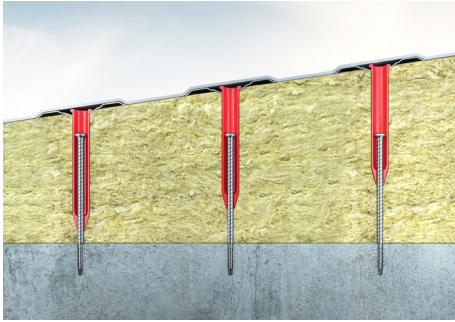
Product code	Application
FI-P-16,0-PVC	PVC isoweld® Field Fastening
FI-P-16,0-TPO	TPO isoweld® Field Fastening
FI-P-16,0-EPDM	EPDM isoweld® Field Fastening
BSA-P-50	Membrane securement
BSA-P-70×70	Insulation securement

Recommended for installation

BSA500 installation tool T25–32–M6–BSA500 screw bit		
Powered screwdriver	1,000–3,000 RPM min. 500 W	
Battery tool	1,000–3,000 RPM min. 18 V Battery with min. 2,5 Ah	

Flat Roofing innovation from SFS

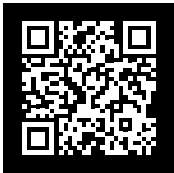
TIA Fastening System



Adjustable fasteners for concrete decks

- Only one fastener for differing thicknesses of insulation
- One setting depth of 20mm for all fasteners – up to 40% less drilling
- Suitable for new build or refurbishment
- Use with build-ups of up to 515mm
- Suitable for membrane seam fixing and field fixing systems
- Installer friendly – fast and easy to install

Find out more...



isoweld® – Field Fastening System



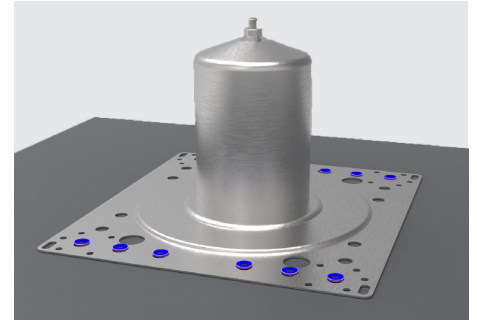
Membrane field fixing system

- No penetration of the roofing membrane
- Reduced membrane overlaps at seams – increased coverage
- Up to 50% fewer fasteners are required
- Less membrane welding
- Fast and easy to install – welding in seconds
- Tapered insulation solutions – can be used with the BSA & TIA adjustable fastening systems

Find out more...



SOTER® II Horizontal Lifeline System



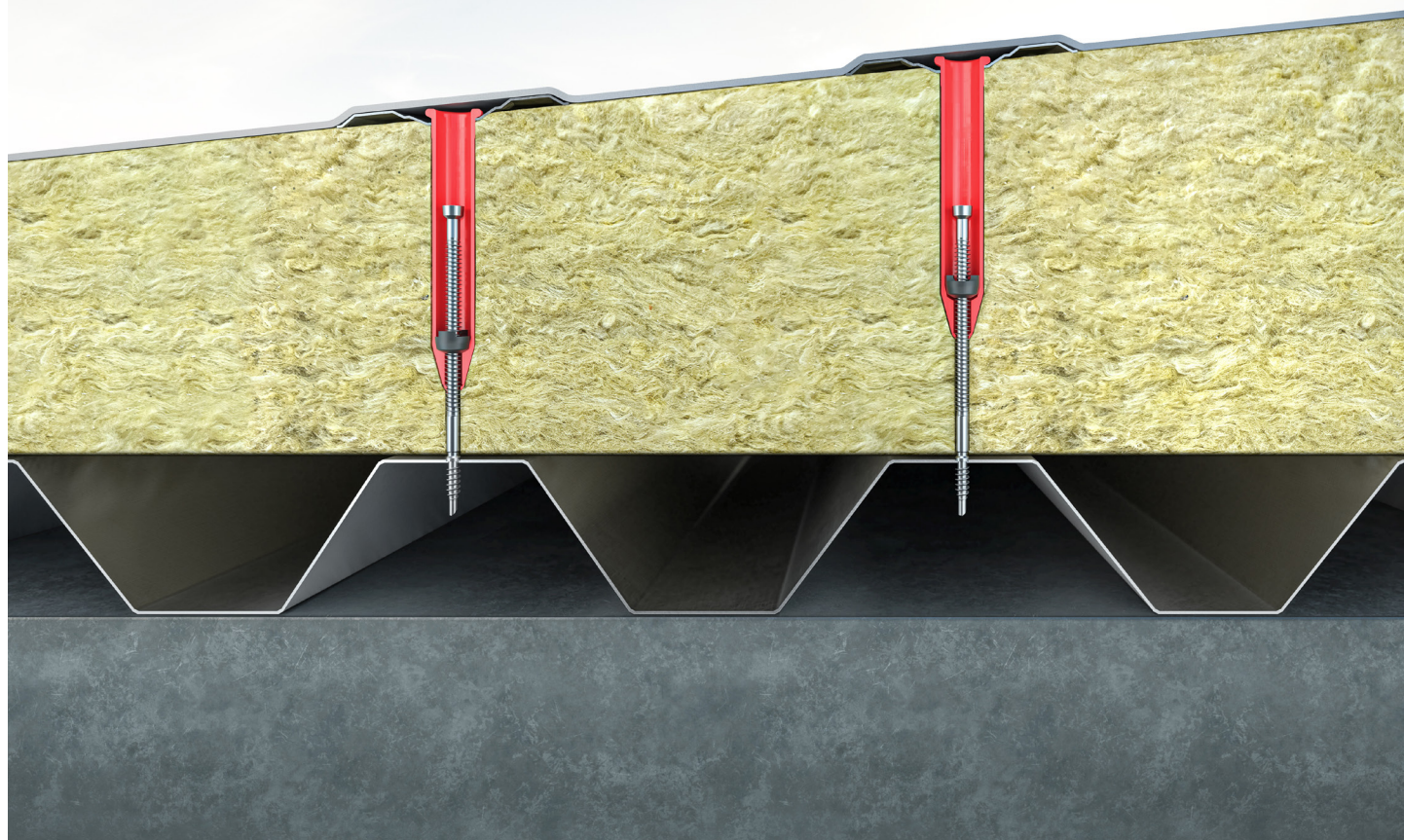
Fall Protection System

- Compliant with and tested in excess of European standards for fall protection
- Engineered for fall restraint or fall arrest applications
- Compatible with all major flat and metal roof applications
- Suitable for new build and retro fit applications
- Unrestricted hands-free operation by up to 4 users at any one time
- Maintains the integrity of the roof following a fall event
- Incorporates the latest SFS fastener technology for attachment to the roof

Find out more...



**Download
the Digital
BSA Brochure**





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