



Knauf Steel Frame System (SFS) Flat Bracing Strap

Knauf SFS Flat Bracing Straps are galvanised solid steel flat straps used below head tracks in deflection heads and for lateral frame bracing where required.

Product-Data-Sheet



Areas of Application

Light gauge steel sections to provide structural support for various cladding systems and accommodate various loading types.

Compliance Standards

BS EN 1090-1:2009 + A1:2011

Key Benefits

- Full design service available including BIM modelling
- Designed to work with other Knauf SFS Components

Build on us.

Creation Date:08/06/2023
Revision Reference: 002
Revision Date:25/11/2024

Product Information

Performance Data

Reaction to Fire (R2F)	Flexural Strength	Load Bearing Capacity	Durability	Yield Strength
Class A1 Steel only	BS EN 10162:2003 - cross sectional tolerances & BS EN 1090-2:2018	Design calculation and section properties according to BS EN 1993	S450GD+Z275	S450GD

Technical Information

Dimensions & Weights							
Size/Webb (mm)	Flange (mm)	Gauge (mm)	Colour	Weight (kg/lm)	Coating Type	Coating Thickness (microns)	Material Number
90	1.2	4000	Silver	3.39	Z275	Nominal 40m DFT	675664
38	0.9	4000	Silver	1.43	Z275	Nominal 40m DFT	675665

Additional Information

Sustainability

Total Recycled Content

18.41%

Recyclability

Fully recyclable

Storage and Handling

When using hand tools eye protection should be worn. Formed edges and cut ends may be sharp. Gloves should be worn when handling the material to avoid risk of lacerations.

Head protection should be worn when overhead hazards exist. Avoid prolonged contact with skin and wear protective clothing when handling metal sections.

Packaging

Supplied bundled in small packs and strapped together in large packs for fork-lift truck off-loading, which should be stacked in a safe and stable manner. The bands or straps should not be used for lifting. Metal sections may spring apart when banding is released.

Disposal/Repair

Recycle or can be disposed of at an authorised landfill site in accordance with local or national controls.

Health & Safety

Please refer to our Safety Data Sheet for guidance on Personal Protection Equipment required for the handling and installation of this product.

Application / Installation

Use Knauf SFS Frame Screws to fix the flat bracing strap below head tracks onto the SFS Studs to add bracing element.

Additional Documentation

[Declaration of Performance UKCA](#)

[Declaration of Performance CE](#)

[Safety Data Sheet](#)

Certification

[Environmental Product Declaration](#)

Product Accreditations:



Knauf UK GmbH Company Accreditations:



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Customer Service

UK Tel: 0800 521 050

Eire Tel: 01 4620739

Email: cservice@knauf.com

Technical Service

Tel: 0800 521050 (option 2)

Email: technical-uk@knauf.com
(excluding public holidays)

UK Address

Knauf
Kemsley Fields Business Park
Sittingbourne
Kent ME9 8SR

Ireland Address

Knauf
87 Broomhill Road
Tallaght
Dublin 24
D24 WR85

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