

Mono Truss Shoe

Application and Design Features

The Sabrefix mono truss shoe is designed for the support of short span, mono or in-fill trusses where lower weight loadings are required over a standard girder truss shoe.

Material Specification

1.0mm pre-galvanised mild steel to BS EN 10142 DX51D Z275



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| Product Reference | Dimensions | | | Joist Size |
|-------------------|------------|--------|---------|-------------------------------------|
| | Width | Height | Bearing | |
| SABMTS-38 | 38 | 81 | 75 | 1 ply 35mm or 38mm x 100mm to 150mm |
| SABMTS-44 | 44 | 78 | 75 | 44mm x 100mm to 150mm |
| SABMTS-50 | 50 | 75 | 75 | 1 ply 47mm or 50mm x 100mm to 150mm |

| Fixings | | Safe Working Loads (kN) | | |
|---------|-------|-------------------------|-------------|-----------|
| Joist | Front | Uplift | Medium Term | Long Term |
| 6 | 6 | 2.0 | 5.0 | 4.4 |
| 6 | 6 | 2.0 | 5.0 | 4.4 |
| 6 | 6 | 2.0 | 5.0 | 4.4 |

General Notes

1 Safe Working Loads are based on load tests conducted at TRADA Technology Ltd.

Tests carried out by Brighton Polytechnic Department of Civil Engineering

2 3.75x30mm sherardised square twist nails must be used to achieve the stated safe working loads



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