



Contec.fix SFS Isoweld® – The innovative
field fastening system from SFS intec

NEW!

Now also available for
EPDM roof sheets.



The SFS intec field fastening system Contec.fix SFS Isoweld®

Mechanically mounted flat roofs in the industrial lightweight construction have been state of the art for decades and have proven very popular. SFS intec has already played a pioneering role several times in the development of these systems. In the meantime, the seam fixing systems pressed by SFS intec have become the industry standard.

SFS intec is now taking on a leading role in innovation once more and introducing a completely new and revolutionary fastening system to the market - the Contec.fix SFS Isoweld® field fastening. This is an extensively tested, simple and intuitive system suitable for building sites. It is based on induction technology and can be used in combination with plastic roofing sheets.

The system components



Contec.fix SFS Isoweld® metal load distributor

- Diameter 80 mm
- EPDM coating
- Silver, 16 mm (sleeve)
- Silver, 6.8 mm
- Hole diameter: 6.8 and 16 mm



Contec.fix SFS Isoweld® fastener

Here you can choose from a wide range of flat roofs. There is a suitable fastener for every substrate.



Plastic sleeves

- Temperature resistant polyamide
- Diameter 20 mm



Appareil de soudage par induction Contec.fix SFS Isoweld®3000

- Appareil de soudage par induction novateur et robuste
- Travail ergonomique en position debout
- Léger
- Menu intuitif
- Location possible



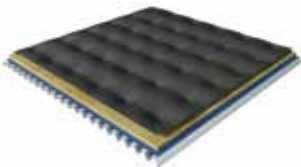
Magnets

- Features: Contact pressure and cooling
- Magnetic handles can be unscrewed for use with the hand generator
- 10 magnets per induction machine are recommended for maximum efficiency
- Available in sets of 10 each
- Available for hire

Field fastening

The principle of the field fastening is known in the flat roof industry and is already being used today. The Contec.fix SFS Isoweld® field fastening system is completely free from penetrations. This means that the roof sheet will not be perforated in the edge area during installation. The material is attached by welding a special stress plate to the underside of the roof sheet.

Extensive field trials and an in-depth analysis of the work processes on site have shown that a part of the total cost can be saved with the Contec.fix SFS Isoweld® field fastening. For example, less roof sheet is required due to the smaller overlap of the seams. The number of fasteners required is also reduced significantly compared to the seam fastening system. This lowers costs and reduces the number of potential thermal bridges.



- Fastening independently of the edge of the roof sheet
- No additional fastening of the thermal insulation
- No penetration of the roof sheet
- Coverage regardless of what stage the fastening work is at – therefore faster
- The roof sheet can be installed in any direction
- Ideal for components that rise up



Hand generator

- Hand tool for connecting to Contec.fix SFS Isoweld®3000 induction welding machine
- Particularly suitable for work in areas with little space or for work on protruding components
- Cable length: 6 metres
- Same functional characteristics as the Contec.fix SFS Isoweld®3000 induction welding machine

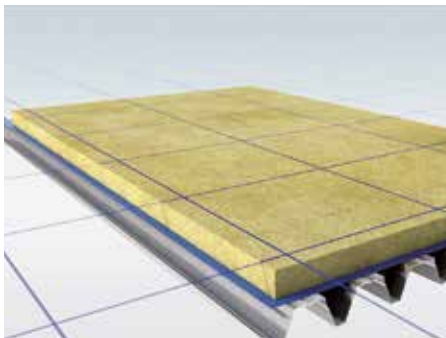


PAD for EPS-/XPS- thermal insulation

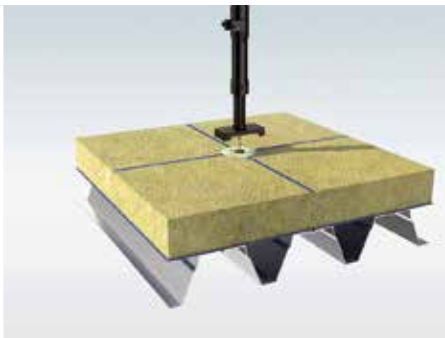
- Special „pad“ for the use of EPS/XPS thermal insulation
- Positioned under the stress plate
 - Diameter 90 mm
 - Perforation allows use for full metal and sleeve application



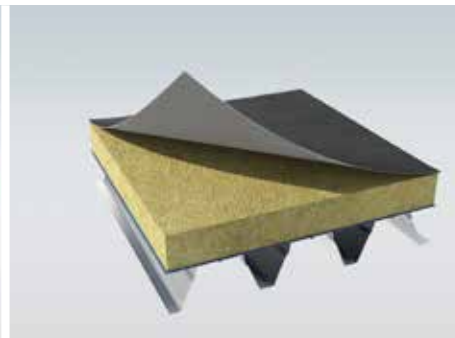
Processing



1. Level the fixing points on the thermal insulation
sur l'isolation thermique



2 Set the fixing points



3. Install the prefabricated Contec.proof EPDM water-sealing



4. Mark the fixing points on the roof sheet



5. Switch on and calibrate the Contec.fix SFS Isoweld®3000 induction machine



6. Weld the fixing points with the roof sheet



The best guarantee: a strong partner!

SFS intec is an international company backed by over 50 years of tradition. The advantages for you:

- practical solutions
- in-house development and production in Europe
- high process and technology competence
- international presence and proximity to your site

The installation and operating instructions can be found in the download area.

