

BIM STRUCTURED DATA SHEET REF 5

Structured Data_isofast_IF2-5,5_Nov-17_GB_v1

| Title Block | Template Category | Self Drilling Fasteners - FR | | |
|-------------------------------|--|---|-------------|----------------------------|
| Title Block | Category Description | Fasteners suitable for self drilling and threadforming in Flat Roof applications 1 For fastening insulation and single ply membrane to steel decks. These connections are for external applications and used in conjunction | | |
| Title Block | Template Version | | | |
| Title block | | | | |
| | | | | |
| Title Block | Parameter Name/ Question | Value/ Answer | Units | Notes |
| Manufacturers Data | Manufacturer | SFS intec Ltd | Text | Notes |
| Manufacturers Data | Manufacturer Website | www.sfsintec.co.uk | URL | |
| Manufacturers Data | Product Range | isofast | Text | |
| Manufacturers Data | Fastener Product Name | IF2-5,5 | Text | |
| Manufacturers Data | Thermally Broken Insulation Sleeve Product Name | N/A | Text | |
| Manufacturers Data | Thermally Broken Membrane Sleeve Product Name | N/A | Text | |
| Manufacturers Data | Insulation Stress Plate Name | ID-70x70 or IF3-S | Text | |
| Manufacturers Data | Membrane Stress Plate Name | IRD-82x40 | Text | |
| Manufacturers Data | Product Literature | SFS intec catalogue | URL | |
| Manufacturers Data | Features | For the fastening of insulation or single ply membrane to steel decks*. | Text | |
| manaraotaroro Bata | - Gataroo | decks | TOAL | |
| Manufacturers Data | ISO 9001 | www.sfsintec.co.uk/quallity_management | URL | |
| Manufacturers Data | CE Mark | Yes | Text | |
| Manufacturers Data | FM Approval | Yes | Text | Known to FM as Dekfast #12 |
| Manufacturers Data | SINTEF Approval | No | Text | |
| | · · · · · · · · · · · · · · · · · · · | | | |
| Application Data | Flat, Mono Pitch, Duopitch or Barrell roof | Flat, Mono Pitch, Duopitch or Barrell | Text | |
| Application Data | System Type | Flat Roof membrane & Insulation attachment | Text | |
| Application Data | Membrane attachment type | For fixing in rows at Membrane seams | | |
| Application Data | Deck type | Steel deck, mimimum 0.63mm | Text | |
| Application Data | Environmental Corrosion Category to BS EN12944 | C1 | Text | |
| Application Data | Estimated Service Life C1 (BS ISO 15686-1:2011) | 20 | Up to Years | |
| Application Data | Warranty C1 | 10 | Years | |
| | | | | |
| Dimensional Data | Fastener Thread Diameter | 5,5 | mm | |
| Dimensional Data | Fastener Head Diameter | | mm | |
| Dimensional Data | Fastener Drive Position | External | Text | |
| Dimensional Data | Fastener Head Style | PH3 | Text | |
| Dimensional Data | , | 41, 57, 73, 83, 114, 127, 152, 178 | mm | |
| | | | | |
| Dimensional Data | Effective Fastener Thread Length | 100 | mm | |
| Dimensional Data | Fastener Drilling Capacity - Aluminium | N/A | mm | |
| Dimensional Data | Fastener Drilling Capacity - Steel | 2x1.25 | mm | |
| Dimensional Data | Thermally Broken Insulation Sleeve washer dimension | N/A | mm | |
| Dimensional Data | Thermally Broken Insulation Sleeve Lengths | N/A | mm | |
| Dimensional Data | Thermally Broken Membrane Sleeve washer dimension | N/A | mm | |
| Dimensional Data | Thermally Broken Membrane Sleeve Lengths | N/A | mm | |
| Dimensional Data | Insulation Stress Plate Dimension | ID: 70x70, IF3-S: 75mm dia | mm | |
| Dimensional Data | Membrane Stress Plate Dimension | 82x40 | mm | |
| Tankaisal Data | Francis Technical Assessed (FTA) | ETA 00/0000 | LUDI | |
| Technical Data | European Technical Approval (ETA) | ETA-08/0262 | URL | |
| Technical Data | Declaration of Performance (DoP) | Duranat | URL | |
| Technical Data | Fastener Surface Coating | Durocoat Corbon Stool | Text | |
| Technical Data | Fastener Material | Carbon Steel | Text | |
| Technical Data | Fastener Material Grade to FN standard | N/A | Text | |
| Technical Data | Fastener Material Grade to EN standard Minimum Fastener Embedment into Steel Dook | N/A 20 | URL | |
| Technical Data | Minimum Fastener Embedment into Steel Deck | N/A | URL | |
| Technical Data Technical Data | Minimum Fastener Embedment into Timber / OSB3 Deck Minimum Fastener Embedment into Concrete Deck | N/A | | |
| Technical Data | Thermally Broken Insulation / membrane Sleeve material | N/A | mm Text | |
| Technical Data | Insulation / Membrane Stress plate Material Grade | Carbon Steel | Text | |
| I CUII III DAIA | Tinodiation / Membrane Ottess plate Material Grade | Calbuil Gleei | TEXL | |
| Classification Data | Uniclass 2015 | Pr_20_29_76_76 | Text | |
| Classification Data | Uniclass 2015 Uniclass 2015 Description | Self-drilling sheet metal screws | Text | |
| JIGOSIIIGAIIOH DAIA | TOTIIGIAGG ZOTO DESCRIPTION | Journaling street metal screws | I EXI | |
| Sustainability Data | Country of Manufacture | Turkey | Text | |
| | Environmental Product Declaration | No Performance Declared | URL | |
| Sustainability Data | | | | |

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guaranties or warranted characteristics for none-specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.