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| Title Block | Template Category | Self Drilling Fasteners - RC |
| Title Block | Category Description | Fasteners suitable for self drilling, threadforming and sealing in roof and wall cladding applications |
| Title Block | Template Version | 1 |
| Title Block | Suitability of Use | For fastening steel sheeting or steel lined composite panels to steel/ timber substructures. These connections can be internal or external applications and their use comprises connections with predominatly static loads. |

| Title Block | Parameter Name/ Question | Value/ Answer | Units | Notes |
|---------------------|---|--|-------------|--|
| Manufacturers Data | Manufacturer | SFS intec Ltd | Text | |
| Manufacturers Data | Manufacturer Website | www.sfsintec.co.uk | URL | |
| Manufacturers Data | Product Range | SX5 | Text | |
| Manufacturers Data | Product Model Number | No Performance Declared | Text | Values cover complete product range |
| Manufacturers Data | Product Literature | SFS intec catalogue | URL | |
| Manufacturers Data | Features | Fastening of steel or aluminium sheet to steel or aluminium structure in one operation. Hidden fix for composite panels | Text | |
| Manufacturers Data | ISO 9001 | www.sfsintec.co.uk/quality_management | URL | |
| Manufacturers Data | CE Mark | Yes | Text | |
| Application Data | Roof or Wall Coverings | Roof and Wall | Text | |
| Application Data | System Type | Single skin, Twin skin, Composite, Standing Seam | Text | |
| Application Data | Sub structure material | Steel - cold rolled, Aluminium | Text | |
| Application Data | Environmental Corrosion Category to BS EN12944 | C1,C2,C3,C4,C5,C5i | Text | |
| Application Data | Estimated Service Life C3 (BS ISO 15686-1:2011) | 50 | Up to Years | |
| Application Data | Warranty C3 | 40 | Years | |
| Dimensional Data | Thread Diameter | 5.5 | mm | |
| Dimensional Data | Drive Position | Internal and External | Text | |
| Dimensional Data | Head Style | Hex, Irius, Low Profile T25 | Text | |
| Dimensional Data | Length | 35, 41, 53, 61 | mm | |
| Dimensional Data | Washer Dimension | 16,19,29 | mm | |
| Dimensional Data | Effective Thread Length | 12 - 38 | mm | |
| Dimensional Data | Drilling Capacity - Aluminium | 2.0 - 5.0 | mm | |
| Dimensional Data | Drilling Capacity - Steel | 1.2 - 5.0 | mm | |
| Dimensional Data | Product Weight per 100 | 0,613.60 - 1,218 | kg | |
| Technical Data | Powder Coated Head/ Washer | Option | Text | Available to any RAL, BS or NCS colour |
| Technical Data | European Technical Approval (ETA) | ETA-10/0198 | URL | |
| Technical Data | Declaration of Performance (DoP) | DoP-SX5-55xL | URL | |
| Technical Data | Fastener Surface Coating | Zinc Flash | Text | |
| Technical Data | Fixing Material | Austenitic Stainless Steel - Bimetal | Text | |
| Technical Data | Fixing Material Grade | 304/A2, 316/A4 | Text | |
| Technical Data | Fixing Material Grade to EN standard | EN1.4567, EN1.4401 | Text | |
| Technical Data | Shear Performance | 9,558 | Newtons | |
| Technical Data | Tensile Performance | 12,203 | Newtons | |
| Technical Data | Free Spin Zone | No | Text | |
| Technical Data | Bending Form Performance (80mm panel) | No Performance Declared | mm | |
| Technical Data | Washer Material - Metal | Austenitic Stainless Steel | Text | |
| Technical Data | Washer Material Metal Grade | 304/A2, 316/A4 | Text | |
| Technical Data | Washer Material Metal Grade to EN standard | EN1.4567, EN1.4401 | Text | |
| Technical Data | Washer Material - Sealing | Vulcanised EPDM | Text | |
| Classification Data | Uniclass 2015 | Pr_20_29_76_76 | Text | |
| Classification Data | Uniclass 2015 Description | Self-drilling sheet metal screws | Text | |
| Sustainability Data | Country of Manufacture | Switzerland | Text | |
| Sustainability Data | Environmental Product Declaration | No Performance Declared | URL | |

Information and Accuracy

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.