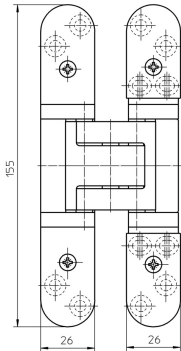


Description

Simonswerk Tectus Fire Rated Fully Concealed Hinge for Flush Fitted Doors up to 120kg. Includes Integrated Intumescent Kit



Technical Features

Function & Operation	Door Hinge that provide a seamless, almost invisible appearance for flush fitting doors
Summary of Features	See advanced features

Options	n/a
Dimensions	
Dimensions	L155 mm (see drawing)
Finishes	
Finishes Available	Matt Chrome, Matt Nickel, Bronze Effect, Polished Brass, Stainless Steel Look, Polished Nickel Plate, Satin Nickel Plate

Certification

European Norm	No Harmonised European Norm. Initial type testing to EAD 020001-00—0405
Product Classification	④⑦⑥①①*①⑬ *Depending on Finish, Fire rating requires three hinges to be fitted
EC Certificate of Conformity No.	0757-CPR-229IFT-7012742-15-4
Certifire No.	CF5810
Declaration of Performance	2 850143 0 00000
Other Test Evidence	Fire Tested. EN 1634:1. Reference 178450.

BIM Assist™	
CE	
Certifire	
BC(A)R Assist™*	
Guarantee	1 Year
Last Reviewed	09/02/2026
* ROI Only	

Description

Simonswerk Tectus Fire Rated Fully Concealed Hinge for Flush Fitted Doors up to 120kg. Includes Integrated Intumescent Kit

**Features**

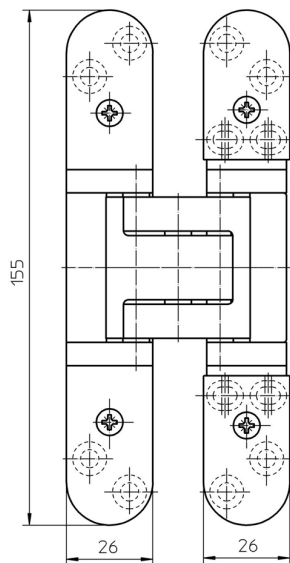
- Completely concealed hinge system for timber, steel or aluminium doors and frames
- Load capacity 120kg
- Opening Angle 180°
- 3D Adjustment
 - Horizontal adjustment +/- 3mm
 - Vertical adjustment +/- 3mm
 - Compression adjustment +/- 1mm
- Manufactured from cast and pressed mild steel components
- Maintenance-free slide bearings

**Fire Rated**

- FD60 fire rated
- 1mm Intumescent material is built into the body
- Fire rating based on 3 hinges per leaf

Description

Simonswerk Tectus Fire Rated Fully Concealed Hinge for Flush Fitted Doors up to 120kg. Includes Integrated Intumescent Kit



Specification Text

CONCEALED DOOR HINGES

- Manufacturer: Simonswerk
- Product reference: KH-TE527-3D/FR
- Type: Simonswerk Tectus Fire Rated Fully Concealed Hinge for Flush Fitted Doors up to 120kg. Includes Integrated Intumescent Kit
- Size: L155 mm
- Material/ finish: [SPECIFY FINISH]
- Hinge grade: 13
- Other requirements: n/a

315 PERFORMANCE SPECIFICATION FOR SINGLE AXIS DOOR HINGES

- Hinges to doors on escape routes and fire/ smoke control doors:
- Minimum classification grades:
- Category of use: 4
- Durability: 7
- Test door mass: 6
- Suitability for use on fire/ smoke doors: 1
- Safety: 1
- Corrosion resistance: Depending on Finish
- Security - Burglar resistance: 0
- Hinge grade: 13
- Type: Simonswerk Tectus Fire Rated Fully Concealed Hinge for Flush Fitted Doors up to 120kg. Includes Integrated Intumescent Kit
- Size: L155 mm
- Material/ finish: [SPECIFY FINISH]
- Other requirements: n/a