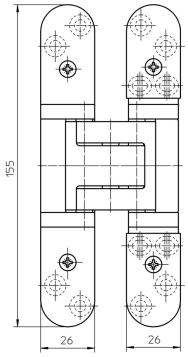
KH-TE527-3D/FR

Satin Stainless Steel Look

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*⓪⑬ *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

For the purpose of continual product development, KCC reserves the right to change specifications without notice.
Please accept all dimensions as approximate. E&OE. © KCC Group 2026.

www.thekccgroup.com

KH-TE527-3D/FR

Satin Stainless Steel Look

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

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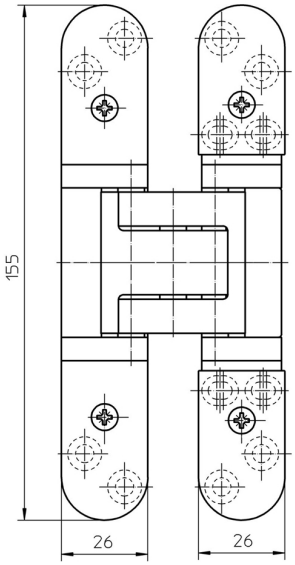
KH-TE527-3D/FR

Satin Stainless Steel Look

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

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