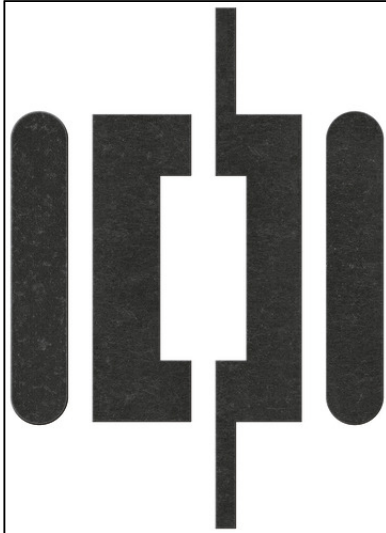




TECTUS Intumescent Fire Kits to suit TE541 FVZ

Variant code: 8821

The **TECTUS Intumescent Fire Protection Kit** is a purpose-designed accessory specifically for use with **TE 541 3D FVZ concealed hinges**. It is intended for compatible recessed-frame hinge installations where **intumescent protection** is required as part of an appropriately specified fire-resistant door construction.

Designed specifically around the compatible **TE 541 3D FVZ hinge system**, the kit provides dedicated intumescent protection around the concealed hinge installation. This allows the appropriate fire-protection component to be incorporated while retaining the benefits of a **completely concealed hinge system for recessed frames**.

The associated hinge system is suitable for applications requiring **Fire Resistance, Smoke Resistance and Soundproof** performance. However, suitability for a particular fire door depends on the **complete door construction**, so the intumescent kit and compatible hinge should always be specified in accordance with the relevant tested or approved door assembly.

Product Features

- **Purpose-designed intumescent fire protection kit**
 - Specifically designed to suit **TE 541 3D FVZ concealed hinges**
 - Designed for compatible **recessed-frame hinge installations**
 - Provides dedicated **intumescent protection around the concealed hinge installation**
 - Compatible hinge system has a function range including **Fire Resistance**
 - Compatible hinge system has a function range including **Smoke Resistance**
 - Compatible hinge system has a function range including **Soundproof**
 - Designed for integration into appropriately specified **fire-resistant door constructions**
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Product Benefits

- Provides a purpose-designed intumescent solution specifically matched to TE 541 3D FVZ concealed hinge installations
- Supports the use of compatible concealed hinges within appropriately specified fire-resistant door constructions
- Designed around the recessed-frame hinge system for accurate integration into the intended installation
- Allows intumescent protection to be incorporated while maintaining a completely concealed hinge arrangement
- Supports compatible door systems where **fire resistance, smoke resistance and soundproofing** form part of the required performance specification
- Provides a dedicated accessory for the compatible hinge rather than relying on a generic hinge protection solution

Technical Characteristics

- **Product Type:** Intumescent Fire Protection Kit
- **Accessory Type:** Concealed Hinge Intumescent Kit
- **Compatibility:** TE 541 3D FVZ Concealed Hinges
- **Hinge Application:** Recessed Frame Installations
- **Purpose:** Intumescent Protection for Compatible Concealed Hinge Installations
- **Application:** Appropriately Specified Fire-Resistant Door Constructions
- **Compatible Hinge Function Range:** Fire Resistance, Smoke Resistance & Soundproof
- **Fire-Door Suitability:** Dependent on the Complete Door Construction

Applications

The **TECTUS Intumescent Fire Protection Kit** is specifically intended for **TE 541 3D FVZ concealed hinges** used with recessed-frame door constructions. It is suitable for projects where the compatible concealed hinge forms part of an appropriately specified **fire-resistant door assembly**. The associated hinge system's function range includes **Fire Resistance, Smoke Resistance and Soundproof**, although final fire-door suitability must always be determined by the

specification, testing and approval of the
complete door construction.

Property	Value
Cutter diameter (mm)	26
Collar ring diameter (mm)	30
Thickness (mm)	1