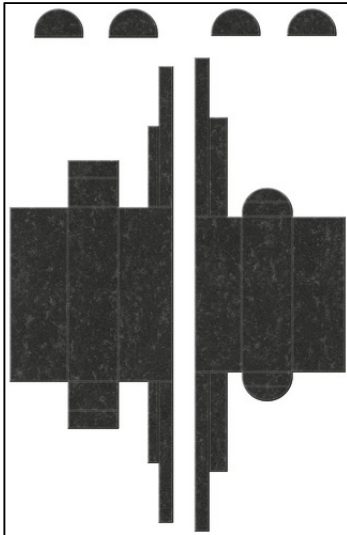




TECTUS Intumescent Fire Kits to suit TE340

Variant code: 8825

The **TECTUS ENERGY Intumescent Fire Protection Kit** is a purpose-designed accessory specifically for use with **TE 340 3D Energy concealed hinges**. It is intended for compatible hinge installations where **intumescent protection** is required as part of an appropriately specified fire-resistant door construction.

Designed specifically around the compatible **ENERGY concealed hinge system**, the kit provides a dedicated intumescent solution around the hinge installation while allowing the benefits of **completely concealed hinging and permanent energy transfer** to be retained. The compatible hinge system is designed for **unrebated residential and heavy-duty doors**.

The intumescent kit provides a dedicated accessory for incorporating the compatible concealed hinge into suitable fire-resistant door constructions. Final fire performance is dependent on the **complete door set and assembly**, so the hinge and intumescent kit should always be specified in accordance with the relevant tested or approved door construction.

Product Features

- **Purpose-designed intumescent fire protection kit**
- Specifically designed to suit **TE 340 3D Energy concealed hinges**
- Compatible with a hinge system featuring **permanent energy transfer**
- Designed for compatible **unrebated residential and heavy-duty door** applications
- Provides dedicated **intumescent protection around the compatible concealed hinge installation**
- Designed for integration into appropriately specified **fire-resistant door constructions**
- Allows the benefits of a **completely concealed hinge system** to be retained
- Purpose-designed around the compatible hinge rather than relying on a

generic intumescent solution

Product Benefits

- Provides a dedicated intumescent solution specifically matched to TE 340 3D Energy concealed hinge installations
- Supports the integration of the compatible ENERGY hinge into appropriately specified fire-resistant door constructions
- Allows intumescent protection to be incorporated while retaining the hinge system's permanent energy-transfer functionality
- Maintains the clean architectural appearance associated with a **completely concealed hinge system**
- Suitable for the compatible hinge system used across **residential and heavy-duty door applications**
- Provides a purpose-designed accessory for projects where **concealed hinging, electrical functionality and fire-door requirements** must be considered together

Technical Characteristics

- **Product Type:** Intumescent Fire Protection Kit
- **Accessory Type:** Concealed Hinge Intumescent Kit
- **Compatibility:** TE 340 3D Energy Concealed Hinges
- **Compatible Hinge Technology:** Permanent Energy Transfer
- **Compatible Door Applications:** Unrebated Residential & Heavy-Duty Doors
- **Purpose:** Intumescent Protection for Compatible Concealed Hinge Installations
- **Application:** Appropriately Specified Fire-Resistant Door Constructions
- **Fire-Door Suitability:** Dependent on the Complete Door Set & Assembly

Applications

The **TECTUS ENERGY Intumescent Fire Protection Kit** is specifically intended for use with **TE 340 3D Energy concealed hinges** incorporated into appropriately specified fire-resistant door assemblies. It is particularly suited to projects requiring a combination of **completely concealed hinging, permanent energy transfer**

and dedicated intumescent protection. The compatible hinge system is intended for **unrebated residential and heavy-duty doors**, while final fire-door suitability must always be established from the specification, testing and approval of the **complete door set and assembly**.

Property	Value
Cutter diameter (mm)	28
Collar ring diameter (mm)	30
Thickness (mm)	2