

FJ203

Fire Resistant Rope

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Description

FJ203 is a non-combustible fire resistant woven rope and used for sealing horizontal and vertical linear joints with or without movement capability between fire resistant separating rigid walls and floors.



Features and Benefits

- Up to 4 hours fire resistance - Tested to EN 1366-4
- 20% movement capability (tested during fire test)
- Up to 150mm joint width
- Suitable for irregular joints
- Easy to apply, easy to cut
- EDF nuclear approval
- Can be combined with sealants such as Nullifire FS703

Usage Purpose

FJ203 is designed to reinstate the fire compartment requirement, where expansion joints and static joints have been formed within masonry / concrete elements, in walls and floors.

FJ203 is tested to EN 1366-4 :

- expansion joints (+20%): 10mm to 130mm joint width (depending on product selected)
- static joints : 10mm to 150mm joint width (depending on product selected)

The expansion joints require FO143 Silicate Adhesives to be applied prior to installing FJ203.

FS703 Fire Resistant Silicone Sealant may be used to provide a cold smoke seal, air & watertightness.

Typical areas of use include hospitals, hotels, car parks, schools, airports, nuclear power plants, etc.

Packaging

Supplied in individual rolls or 2x2 m lengths, depending on size requested.

ø15mm x 50 m / ø20mm x 50m / ø30mm x 50m / ø40mm x 50m / ø50mm x 25m / ø60mm x 25m / ø70mm x 20m / ø80mm x 10m / ø90mm x 10m / ø100mm x 10m / ø120mm x 4m / ø130mm x 4m / ø140mm x 4m / ø150mm x 4m / ø160mm x 4m / ø180mm x 4m

Storage

Store in dry conditions between -10°C and +70°C

FJ203

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Certificates & Approvals

ETA 19/0282

CE 1404-CPR-3174

Technical Characteristics

Composition	Rock fibre sheathed with flexible glass wires	
Density		~ 200 kg/m ³
Reaction To Fire	EN 13501-1	Euroclass A1
Application Temperature		Up to +60°C
Storage	Store in dry shaded conditions between -10°C and +70°C. Do not store directly on concrete floors.	
Shelf Life		Unlimited when stored as recommended.

Substrate Preparation

All surfaces must be clean and sound, free from dirt, grease and any other contamination.

Protective Equipment

Ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

Preparation

Select suitable FJ203 diameter for static or movement gap width, according to the Suitability Tables shown.

Application

For expansion joints only, apply FO143 Intutac Silicate Adhesive on both sides of the joint. FO143 is gunned.

For static joints, FO143 Silicate Adhesive is not required.

Insert suitable diameter FJ203 into the joint.

In the event of a joint requirement, FJ203 rope should be installed edge to edge with pre-installed FJ203 rope (ensure bonding on expansion joints is maintained).

For airtightness, watertightness, or aesthetics properties, we recommend to use FS703 to a minimum depth of 3mm for airtightness and cold smoke seal, or 6mm if a waterproof seal is also required (depth may be increased but not decrease).

Apply FS703 with a suitable application gun into gap to required depth by applying an even pressure to the trigger.

Work and tool to a smooth finish immediately with a wet profiling tool or spatula.

FJ203**Fire Resistant Rope****Maintenance**

No maintenance required after installation. Routine inspection recommended to ensure no damage to the system.

Guarantee / Warranty

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

It is a requirement of the installer to ensure suitability and compatibility of all elements before installation commences and that compliance can be achieved as required.

Health And Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400

Certification