

Product Information

Description

FJ203 is a non-combustible fire resistant woven rope, made of rock mineral fibre, and sheathed with flexible glass wires to make an easy to handle expansion joints product.

Usage / Purpose

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

FJ203 is tested to EN 1366-4:

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

The expansion joints require FO142/ FO143 Silicate Adhesives to be applied prior to installing FJ203.

FS703 Intusil 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.

Suitability - Static Joints EI240

Nominal Joint Width (mm)	FJ203 Diameter Required (mm)	FJ203 Roll Length (m)
5-10	12	50
11-15	20	50
16-20	30	50
21-30	40	50
31-40	50	25
41-50	60	25
51-60	70	20
61-70	80	10
71-80	90	10
81-90	100	10
91-100	120	2 x 2 m
101-110	130	2 x 2 m
111-120	140	2 x 2 m
121-130	150	2 x 2 m
131-140	160	2 x 2 m
141-150	180	2 x 2 m

Suitability- Expansion Joints (+20%) EI240

Nominal Joint Width (mm)	FJ203 Diameter Required (mm)	FJ203 Roll Length (m)
5-15	20	50
16-20	30	50
21-25	40	50
25-30	50	25
31-40	60	25
41-50	70	20
51-60	80	10
61-70	100	10
71-80	110	10
81-90	120	2 x 2 m
91-100	140	2 x 2 m
101-110	150	2 x 2 m
111-120	170	2 x 2 m
121-130	180	2 x 2 m

Packaging

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

Availability

Direct from Tremco CPG UK Limited (see details on this TDS).

Usage Guidelines

Always read SDS and relevant application detail prior to application. Ensure the latest documents are downloaded prior to every project commencement.

Preparation

- All surfaces must be clean and sound, free from dirt, grease and any other contamination.
- Select suitable FJ203 diameter for static or expansion gap width, according to the Suitability Tables shown.

Installation

- For expansion joints only, apply FO142/FO143 Intutac Silicate Adhesive on both sides of the joint. FO142 is applied with a brush, FO143 is gunned.
- For static joints, FO142/FO143 Silicate Adhesive is not required.
- Insert suitable diameter FJ203 into the joint.

FJ203

Fire Rated Woven Rope

up to
240
mins



Key Benefits Summary

- Up to 4 hours fire resistance - Tested to EN 1366-4
- 20% movement capability (tested during fire test)
- Up to 150 mm joint width
- Suitable for irregular joints
- Easy to apply, easy to cut
- EDF nuclear approval





FJ203

Fire Rated Woven Rope

Nullifire
Smart Protection

Technical information

Property	Result
Composition	Rock fibre sheathed with flexible glass wires
Density	~ 200 kg/m ³
Storage	Store in dry conditions between -10°C and +70°C
Shelf Life	Unlimited when stored as recommended in original unopened containers

- 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 3 mm for airtightness and cold smoke seal, or 6 mm 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.

Health & 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 +44 (0)1322 551010.

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.

Typical Detail



FJ203 bonded with FO142/3 Intutac + FS703 Intusil for waterproofing: EI240