

## FS712

### Intucoat Brush

19-02-2025 / V 1

#### Description

FS712 Intucoat Brush is a water-based acrylic coating and adhesive, which may be used in conjunction with FB750 Intubatt, FB770 Intudeck and FJ220 Intubatt 3 as a bonding agent and a surface repair coating.



#### Features and Benefits

- Up to 4 hours fire resistance - Tested to EN 1366-3 (when used in conjunction with FB750 Intubatt, FB770 Intudeck or FJ220 Intubatt 3)
- Provides a tested smoke seal
- Air pressure tested up to 2000 Pa
- Optifire® unique traceability identifier
- Acoustics up to 58 dB

#### Usage Purpose

FS712 Intucoat Brush is suitable for:

- Repairs damage to the surface of the coating on FB750 / FB770 / FJ220
- Bonding of FB750 / FB770 / FJ220 joints, both to substrate and cut pieces
- Coating the raw edge of FB750 & FB770, when using the surface mounted application method
- Cold smoke & air pressure seal
- Fibre encapsulant

Typical areas of use include: health and leisure facilities, schools, universities, modular construction, commercial buildings, hospitals, retail and industrial units, train stations, nuclear power plants, etc...

#### Packaging

5 litre (~7.5 kg) cans

#### Available Colour

White

#### Traceability & Product Identification

Nullifire is bringing unique identification technologies to the market by offering architects, specifiers, main contractors, and applicators guaranteed traceability of product on-site. Our traceability technologies are not visible to the naked eye and do

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not affect performance or product aesthetics.

FS712 features Optifire technology, a unique UV technology, activated by exposing the products surface to a UV light source, which offers easy & instant product identification.

### Storage

Store in dry conditions between +5°C and +40°C. Product may be left for short periods (not exceeding 72 hours) at temperatures as low as -5°C. Allow product to defrost for 24 hours at +10°C before use.

### Certificates & Approvals

ETA 21/0412 (in FB750 ETA)

### Technical Characteristics

Composition	Water-based acrylic	
Acoustic Rating	EN ISO 10140:2-2010	Up to 58 dB
Cure Rate	+23 °C / 50 % RH	~ 1 mm/day
Specific Gravity	ISO 1183-1	~ 1.46 - 1.52
Durability	EN 13162, EN 14303, EN ISO 1519	Type Z1: intended for use at internal conditions with high humidity, excluding temperatures below 0°C, rain and UV (also covers type Z2)
Skin Formation Time	+23 °C / 50 % RH	~ 30 min
Solids Content		~ 60 - 66%
Air Permeability	EN 1046	Air pressure tested up to 2000 Pa
Application Temperature		+5°C to +60°C
Service Temperature		-25°C to +70°C
Storage		Store in dry shaded conditions between +5°C and +40°C. Product may be left for short periods (not exceeding 72 hours) at temperatures as low as -5°C. Allow product to defrost for 24 hours at +10°C before use.
Shelf Life		12 months when stored as recommended in original unopened containers.
Cleaning		Immediately remove all excess sealant and masking tape before cure. Clean tools in warm water. Cured sealant can only be removed mechanically.

### Substrate Preparation

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

### Necessary Tools

Paint brush

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#### Protective Equipment

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

#### Preparation

Ensure all services passing through the compartment penetration are suitable for use with FS712 and have been installed to the satisfaction of all relevant parties (we recommend checking TDS's as supplied by the manufacturer of the service for all other considerations).

Identify all services types and ensure you have the required suitable Nullifire ancillary products available (e.g. FB750 Intubatt).

If decorative finish is required to surrounding substrates, please use a masking tape.

#### Application

**Batt to Batt:**

Coat FS712 to the entire abutting edges using a suitable paint brush on both faces to the full width and compress together.

**Batt to Substrate:**

Coat FS712 to the entire proposed area of abutment and batt edges using a suitable paint brush on both faces to the full width and compress together.

**Batt Surface Repair:**

Coat FS712 over any damaged area of the existing batt coating.

**Exposed Batt Edge:**

Coat FS712 over the exposed edges of pattress installed FB750 Intubatt.

#### Tool Cleaning

Immediately remove all excess sealant and masking tape before cure. Clean tools in warm water. Cured sealant can only be removed mechanically.

#### Please Note

Do not use around CPVC pipes; for this specific application, please use FS719 HP Blue for CPVC.

If used around Pegler X-Press Carbon Steel pipes, the pipe manufacturer should be consulted, and their recommendations followed.

Prior to coating any substrate not listed within this TDS, we recommend a patch test on a trial area be carried out prior to full application. If any adverse effects are noted, contact Tremco CPG UK Technical Services.

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#### 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

Technical Data Sheet

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#### Certification

