

CI/SfB	(29)	(K2)
CAW P10		
Uniclass JP10:L68114		

Product Information

Description

FS721 Trowel Grade Acrylic Sealant is a single part waterborne fire resistant acrylic sealant.

Usage / Purpose

FS721 sealant can provide up to 4 hours fire resistance when used in conjunction with Nullifire FS747 Coated Board System. FS721 is designed to be brush or trowel applied to seal the uncoated edges of FB747, or provide coatback of cables to provide insulation in accordance with EN 1366-3. Typical areas of use include health and leisure facilities, schools, universities, commercial, retail and industrial buildings.

Colours

White

Packaging

5 kg and 10 kg pails

Availability

Direct from tremco illbruck (see back of leaflet for address and telephone details).

USAGE GUIDELINES

Necessary Tools

Trowel, brush, pallet knife.

Preparation

- Clean all surfaces of loose particles, moisture, oils, grease and corrosive materials.

Application

- Using a trowel or pallet knife, coat any cut edges of the Nullifire FB747 batt system before installation.
- Apply a thick layer of FS721 to all areas of contact around the opening of services.
- Finish joints post installation with a further application of FS721 to all joint lines and any small gaps.

Maintenance

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

Storage

Store between +5°C and +35°C in dry conditions.

Shelf Life

12 months when stored as recommended.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

tremco illbruck 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.

Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco illbruck written instructions and (b) in any application recommended by tremco illbruck, 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 illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

Nullifire

Smart Protection

FS721

Trowel Grade Acrylic Sealant

up to
240
mins



Key Benefits Summary

- Tested in accordance with EN 1366-3 up to 4 hours Classification EN 13501:2007
- Provides an effective barrier to the spread of smoke and fire for up to 4 hours
- Suitable for use in conjunction with Nullifire FB747 Coated Board System
- Accommodates movement up to 20%
- Suitable for overpainting



FS721

Trowel Grade Acrylic Sealant

Nullifire
Smart Protection

Technical information

Property	Result
Solid Content	82- 85%
pH Value	8.8- 10.0
Specific Gravity	1.5- 1.6
Viscosity	Thixotropic
Tensile Strength	170 kN/m2
Touch Dry (at 20°C)	30 mins
Cure Rate	20 days
VOC	19 g/l

Performance

FIRE PERFORMANCE: Tested in accordance with EN 1366-3 and BS 476 Pt 20 up to 4 hours

ACOUSTIC PERFORMANCE: Tested in accordance with BS EN ISO 140-3:1995

Air Permeability Performance: Tested in accordance with EN 1026

Orientation	Seal : Depth Ratio	Substrate	Tested Gap Width	Integrity (minutes)	Insulation (minutes)
WALL	2:1	Concrete- Concrete	Up to 29	300	180
			30- 50	300	300
		Concrete- Softwood	Up to 29	90	60
			30- 49	90	90
			50	180	180
			Up to 49	120	120
	Concrete- Hardwood	50	180	180	
		Up to 12	300	60	
		Concrete- Steel	13- 29	240	60
			30- 50	300	120
FLOOR	2:1	Concrete- Concrete	Up to 12	300	180
			13- 50	300	60
		Concrete- Steel	Up to 50	240	30