

## CharCoat Intu Sealant TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

CharCoat Intu Sealant is suitable for sealing joints and service penetrations in fire walls, partitions, fire rated door frames and glazing systems. Tested in accordance with BS 476:Parts 20 & 22:1987 and BS EN 1366-4, CharCoat Intu Sealant provides up to 4 hours fire protection in joints of up to 30mm wide. In addition to the fire rating the sealant may be used to seal joints in party walls to provide an acoustic seal.

### TECHNICAL DATA

#### PROPERTIES

#### RESULT

Compostion	Water Based Acrylic Sealant	
Certification	BS476 Part 20 & 22	
Theoretical Covearge		
Joint size	Depth of Sealant	Yield/310ml Cart
10mm	10mm	3.1 metres
20mm	15mm	1.03 metres
30mm	20mm	0.51 metres
Color	White	

### FEATURES AND BENEFITS

- Cold smoke and air tight seal
- Good acoustic insulation (up to Rw of 52dB)
- No coat back required
- Simple installation
- Light weight
- Suitable to make good around most types of service penetrations
- Unaffected by humidity
- Maintenance free
- Low smoke emission

CharCoat Intu Sealant will provide a water tight, air tight, smoke free and cold smoke seal.

### ACOUSTIC

CharCoat Intu Sealant provides a Weighted Sound Reduction Index (Rw) of up to 57dB. Please consult our sales office with details of:

- Type of construction
- Required acoustic rating
- Size of joint

### APPLICATION

CharCoat Intu Sealant is a high specification, one part water based acrylic sealant, extruded from a cartridge loaded into a standard sealant gun. The depth of the joint will depend on the gap to be filled and the fire rating required (see fire rating).

All surfaces must be thoroughly clean and free of bond breaking contaminants prior to application of the sealant. No priming is required for most construction substrates, however, it is recommended that a small area be tested on substrates.

The CharCoat Intu Sealant should not be applied if the ambient temperature is below 5°C as adhesion will be impaired. The sealant is fast curing approximately 15 minute tack free time. When fully cured, the CharCoat Intu Sealant is overpaintable. Under fire conditions the sealant forms a fire resistant ash.

Install CharCoat Intu Sealant to provide up to 4 hours fire protection in all joints up to 30mm in all firewalls. Installation to be fully in accordance with manufacturer's instructions.

In conjunction with CharCoat FS Panel, CharCoat Intu Sealant will provide a 4 hour fire rated seal fro cables and pipework.

### CLEANING

App materials can be cleaned with water only.

### HEALTH AND SAFETY PRECAUTIONS

Safety data sheet (SDS) must be read and understood before use.

## PACKAGING

- 310ml and 600ml Cartridges
- 900ml Sausages
- 25kg Pails

## TRANSPORT / STORAGE

- Transport and storage free from frost- preferably at a minimum of +5°C to a maximum of +35°C

## SHELF LIFE

When stored at the recommended conditions, Intu Sealant has a shelf life of 12 months from date of manufacture.

## GUARANTEE / WARRANTY

10 Years / Product only. Please refer to our full Terms and Conditions of sale.

No liability can be accepted for the information provided in this document although it is published in good faith and believed to be correct. CharCoat Passive Fire Protection reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

PRODUCT	FIRE RATING MINUTES
CharCoat Intu Seal	up to 4 hours
APPROVALS	DESCRIPTION
BS476, Part 20/22	CharCoat Intu Sealant - Up to 4 hours Joint seal (wall or floor) - Up to 4 hours Cable/pipe (CharCoat FS Panel backing)



### Head Office

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### Partners:

Australia | Indonesia | Malaysia | Thailand | South Africa | Saudi Arabia | China | Mexico

Disclaimer: The above data, particularly the recommendations for the application and use of Charcoat Passive Fire Protection products are based on the manufacturer's knowledge and experience. Due to different materials and conditions of application, which are beyond our control, we recommend in any case to carry out sufficient tests in order to ensure that Charcoat Passive Fire Protection products are suitable for the intended purpose and applications. Therefore, any liability for such recommendations or any oral advice is expressly excluded unless we have acted willfully or by gross negligence. It is always the responsibility of the installer / purchaser to guarantee correct preparation, DFT (Charcoat Coatings) and thickness (charcoat Firestop Products) of all Charcoat Passive Fire Protection products. Charcoat Passive Fire Protection is not liable for installation or faulty installation. It is always the responsibility of the installer / purchaser to guarantee and certify the installation of materials.