



FIRE PROTECTION COATING FOR CABLES



Tab 19

FIRE PROTECTION COATING FOR CABLE CC

Item Code	Packaging	Fire Rating	Approvals
DSSB-FR-FRP25-CC	22.5kg ...Other Sizes on request	Up to 90 minutes (1.6mm coating)	FM 3971, 1.6mm DFT - FM Approved Flame Retardant coating for grouped electrical cables - PASSED - Ampacity - PASSED - Current Carrying Capacity - NON DERATING - PASSED - Salt Water Exposure and immersion - PASSED - Dielectric Strength - PASSED - Flamability Test
DSSB-FR-FRP5-FCC	5kg ...Other Sizes on request	Up to 90 minutes (1.6mm coating)	FM 3971, 1.6mm DFT - FM Approved Flame Retardant coating for grouped electrical cables - PASSED - Ampacity - PASSED - Current Carrying Capacity - NON DERATING - PASSED - Salt Water Exposure and immersion - PASSED - Dielectric Strength - PASSED - Flamability Test

Approvals:

- FM 3971, 1.6mm DFT - FM Approved Flame Retardant coating for grouped
- PASSED - Ampacity
- PASSED - Current
- PASSED - Current Carrying Capacity - NON DERATING
- PASSED - Salt Water Exposure and immersion
- PASSED - Dielectric Strength
- PASSED - Flamability Test



Technical Information:

- Water Based, no solvents
- Colour: White
- Non-Toxic, Non-Hazardous
- Density 1.28-1.35g/cm³
- Solids 70-75%,
- Shelf Life 2 years,
- Packaged in 25kg, 5kg Pails.
- Interior or Exterior Applications
- Water & Salt Water resistant
- Resistant to fuels, oils, chemicals,
- Does NOT Derate your cable system
- Ablative, non-intumescent
- Application by spray or brush

The Winning Advantage

- Solvent, halogen and asbestos free
- Lightweight, thin-film application

Typical Applications:

Charcoat CC is typically applied on the following (interior or exterior)

- New and existing electrical cables
- HV and LV cables
- Cable in need of repair

Can also be applied to electrical cables in rooms and areas such as:

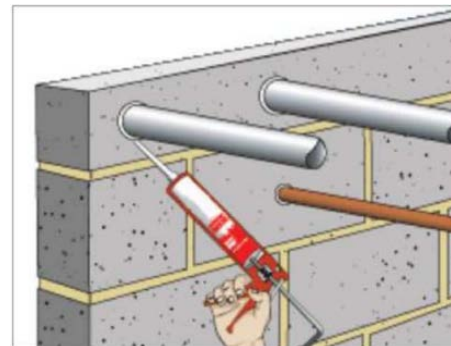
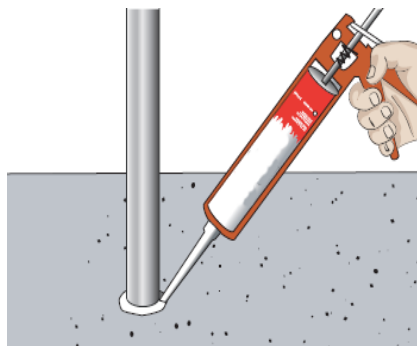
- Substation
- Cable Galleries
- Switch Rooms
- Battery Rooms
- Cable Basements
- Transformer Bays / Areas
- Motor Rooms
- Marine applications (ships / rigs)

FIRE STOPPING

Item Code	Weight	
DSSB-S-HEIS-FSP	310 ml	
Properties	Result	
Composition	Water Based Acrylic Sealant	
Certification	BS476 Part 20 & 22	
Theoretical Coverage		
Joint Size	Depth of Sealant	Yield / 310ml Cart
10 mm	10 mm	3.1 meters
20 mm	15 mm	1.03 meters
30 mm	20 mm	0.51 meters
Color	White	

Features

- 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



Char Coat Into Sealant typical application on pipe/ or cable

FIRESTOP COMPOUND / FIRESTOP MORTAR

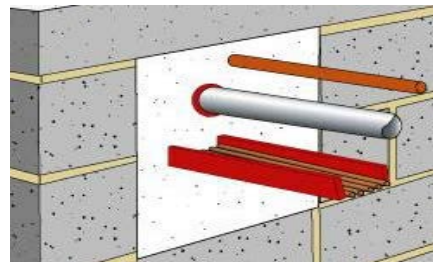
Item Code	Weight	Fire Rating	Thickness	Number of bags per m ²
DSSB-FR-MS22FSM	22kg / Bag	1-2 hours	75mm	3.15
		3-6 hours	100mm	4.2
			150mm	6.3

Description:

Firestop compound is used to provide a fire rated seal around service penetrations in fire rated walls and floors.

General benefits:

- Smoke seal
- Good acoustic insulation
- Simple installation
- Load bearing seal
- Suitable for sealing around most types of service penetrations
- Unaffected by humidity
- Maintenance free
- No Smoke emission



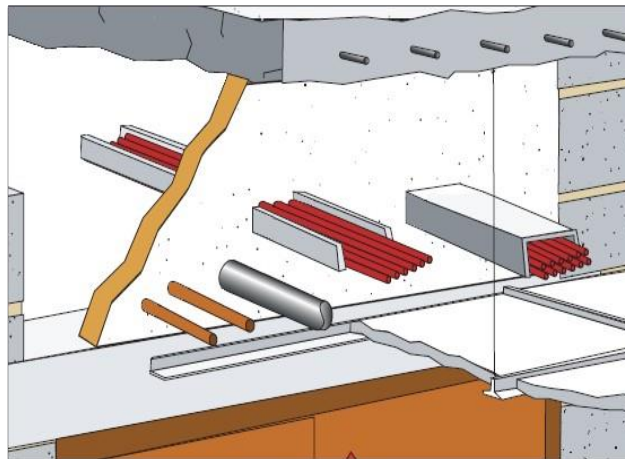
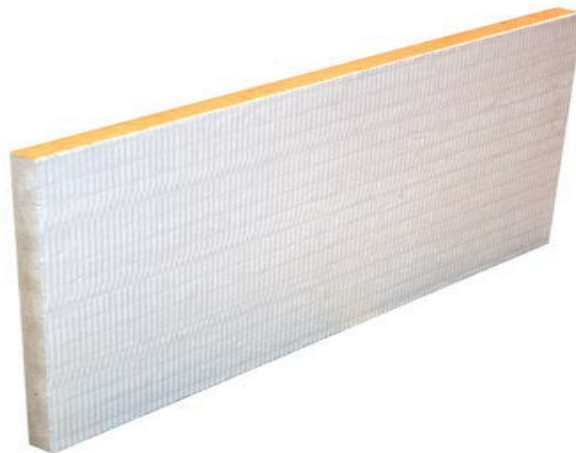
Fire Protection Coating

FIRESTOP PANEL

Item Code	Size	Fire Rating
DSSB-FP-FSP	1200mm x 600mm x 50mm	4 hours

Description:

- High Density Rockwool
- Water and weather resistant
- Has Mechanical Resistance
- Large Penetration Sizes
- Easy Restrofitting of cables
- IFC Approved
- BS476, Part 20-4 hours
- BS476, Part 22-4 hours



Fire Protection Coating

Delta Sama Jaya Sdn.Bhd.



We are constantly reviewing and updating our products,
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