

FIRE PROTECTION COATING FOR CABLES



Tab 19

FIRE PROTECTION COATING FOR CABLE

Item Code	Packaging	Tests
DSSB-FR-FRP25-FS15	25kg/Pail	FM Approval Class:3971 IEC 60332-3-22 : Category A IEEE 1202 IEEE 383

Feature:

- Water base material
- Non-Halogenated
- Asbestos Free
- High Solids
- Remain Flexible After Cured
- No cable derating
- Water resistant
- Interior and exterior application
- FM approved



Application:

DC 6150 Cable Coating is a non-halogenated, asbestos-free, non-toxic, flexible, ablative fire retardant cable coating designed to prevent the propagation of fire along plastic jacketed electrical cables. DC 6150 Cable Coating is FM Approved and tested to ensure it can withstand extreme conditions such as freeze/thaw cycles and salt water immersion. This testing also ensures that the protective coating does not de-rate the cables current carrying capacity. DC 6150 Cable Coating is a water based latex and is suitable for both interior and exterior use.

Performance:

When applied to dry film thickness of 1.6mm Cable Coating meets FM (Factory Manual) approval requirements for the protection of grouped electrical cables.

Feature & Application:

- Color: White
- Odor: Mild Latex
- Gloss Level: Matt
- Specific Gravity: 1.55 ± 0.1
- Solids by Weight: 70~76%
- pH Value: 6 ~ 8
- VOC's: 28 g/L
- Dry to Touch: 2 ~ 4 hours
- Dry Through: 2 ~ 4 days (Depending on ambient conditions)
- Application: Airless spray, brush or roller
- In-Service Temp: -13° F – 176° F (-25° C – 80° C)
- Typical Thickness: 1000 microns WFT (39.5 mils) equivalent
- Packaging: 25Kg/pail
- Shelf life: 12 months



Cable Fire Protection Coating

FIRESTOP COMPOUND

Item Code	Weight
DSSB-FR-CFS01	20kg / Bag

Product Description :

CFS01 Mortar is a proprietary non-intumescent compound comprised of gypsum and cement. Developed with installation convenience in mind, INCA Mortar softens once mixed with water and becomes easy to work with. Our variable viscosity technology allows the installer to add less water for a thicker consistency or more water for a thinner consistency depending on your application needs. INCA Mortar has up to 3 hours fire rating to prevent passage of flame, smoke, and toxic fumes.

Application

- Metallic Pipes
- Cable Tray
- Plastic Pipes
- Insulated Pipes
- Busway

Features:

- Non-Shrinking
- Paintable
- Fast drying
- Safe and simple to use
- Halogen and asbestos
- Water and gas
- Good structure
- Adjustable consistency



Characteristics

- Mixing ratio (by weight) : Mortar:Water = 1:0.85~0.95 (Recommended)
- Yield(per 20Kg) : 22-25L
- Mixing time : 30~40 Sec.
- Working time : 3 min.
- Density (after mixing) : 1400-1650 kg/m³ (Wet cast)
- Set hard time : Approx. 3~4 hours.
- Time to remove shuttering: 2 days (if needed)
- Fully cured : 28 days
- Application : Sealing floor openings
- Package : 20 Kgs/Bag

Tested to :

- UL1479,3hrs T and L Rating
- Can/ULC S115 3hrs,FTH Rating
- GB23864



Cable Fire Protection Coating

FIRESTOP PANEL AND FR COATING BATT

Item Code	Size	Fire Rating	Colour
DSSB-FP-FSP	1200mm x 600mm x 50mm	up to 4 hours	White
DSSB-FP-FRCB	1200mm x 600mm x 50mm	up to 2 hours	White

Product Description

Our Firestop Panels and FR Coating Batt are high-density rockwool used with a fire-rated ablative coating. The panel or FR Coating Batt are simply cut and friction fitted between the services and the edges of the structure. The fire rated coating is used as an adhesive to bond sections of panel or FR Coating Batt together into a barrier and to the surrounding structure. All joints in the panel or FR Coating Batt are seal using Intumescent Sealant to form a monolithic layer.

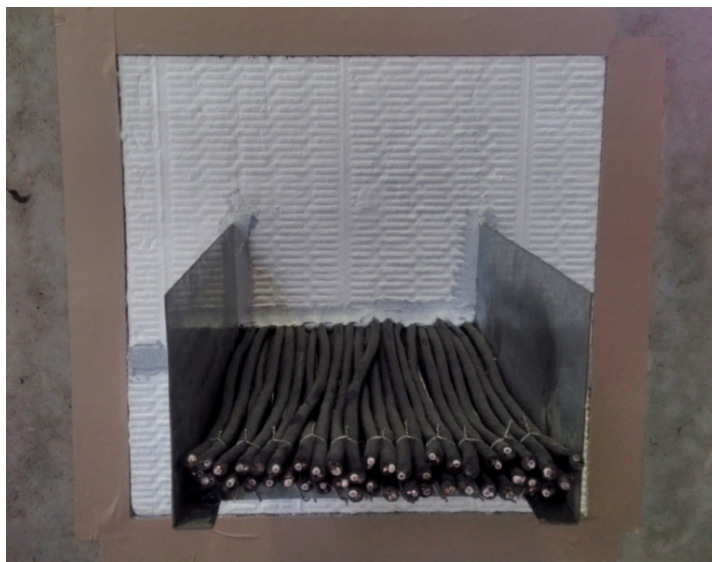
Product Features and Application

- Up to 2 or 4 hours of fire rating.
- Simple installation.
- Lightweight.
- Maintenance Free.
- Resist the passage of smoke.
- Suitable to make good around most types of service penetrations.



Tested To:

- BS 476 Pt. 20:1987



INTUMESCENT SEALANT

Item Code	Packaging
DSSB-FP-INS18B	18 L (Bucket)
DSSB-FP-INS10B	10 L (Bucket)
DSSB-FP-INS600S	600 ml (Sausage)

Product Description :

Our Intumescent sealant is a one part halogen free emulsion acrylic sealant provided for gap between pipe to wall/slab/pipe sleeves tested to BS476 Pt 20:1987. The Intumescent Sealant will not crack or split upon curing, have good adhesion to wide variety of building material, high modulus, tack free upon curing and can be over painted.

The Intumescent sealant will swell and form an insulating fire resistant char when subject to heat or fire to prevent passage of fire or smoke.

Application :

1. Intumescent Sealant is suitable for sealing expansion gaps joints and services penetrations in fire walls, floor and partitions.
2. Irregular or uneven gaps around fire door casings and window sills.

Feature :

- Non Halogen and Non Toxic.
- Does not sustain flame.
- No slump up to 30mm joint.
- High Flexibility upon cured.
- Water based, Solvent free.
- Intumescent with high insulation.
- Paintable.



Characteristics :

Colour	: Red, Gray & White. Other colour available to special order.
Storage Temperature	: +5°C to +30°C.
Application Temperature	: +5°C to +35°C.
Shelf Life	: ±12 months store at 5°C to 30°C.
Joint movement	: ±12.5%.

Tested to :

BS476 Pt 20:1987 up to 2 hours.

Coverage :

1 liter sealant cover 1m²

Delta Sama Jaya Sdn.Bhd.



DELTA SAMA JAYA
www.substation.com.my

We are constantly reviewing and updating our products,
for the latest information please call us on (+603) 9281 3778
or visit our website at: www.substation.com.my