FIRE PROTECTION COATING FOR CABLES

Tab 19
## FIRE PROTECTION COATING FOR CABLE CC

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

**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

**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)

**The Winning Advantage**
- Solvent, halogen and asbestos free
- Lightweight, thin-film application

**Disclaimer:** The above data, particularly the recommendation for the application and use of CHARCOAT 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 test in order to ensure that CHARCOAT products are suitable for the intended processes and application. Therefore, any liability for such recommendations or any oral advice is expressly excluded unless we have acted willfully by gross negligence. It is always the responsibility of the installer / purchaser to guarantee correct preparation. DFT (CHARCOAT Coating) and thickness (CHARCOAT Penetration Seals) of all CHARCOAT Materials. DSSB & CHARCOAT are not liable for installation or faulty installation. It is always the responsibility of the installer / purchaser to guarantee and certify the installation materials.
FIRE STOPPING

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSSB-S-HEIS-FSP</td>
<td>310 ml</td>
</tr>
</tbody>
</table>

### Properties

<table>
<thead>
<tr>
<th>Composition</th>
<th>Water Based Acrylic Sealant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certification</td>
<td>BS476 Part 20 &amp; 22</td>
</tr>
</tbody>
</table>

### Theoretical Coverage

<table>
<thead>
<tr>
<th>Joint Size</th>
<th>Depth of Sealant</th>
<th>Yield / 310ml Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mm</td>
<td>10 mm</td>
<td>3.1 meters</td>
</tr>
<tr>
<td>20 mm</td>
<td>15 mm</td>
<td>1.03 meters</td>
</tr>
<tr>
<td>30 mm</td>
<td>20 mm</td>
<td>0.51 meters</td>
</tr>
</tbody>
</table>

### 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 emmision

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**CharCoat Intu Sealant typical application on pipe/ or cable**

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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

Approvals
EN1366 - 4 Hour E and ETA 19/0008 - European Technical Assessment
FIRESTOP PANEL

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Size</th>
<th>Fire Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSSB-FP-FSP</td>
<td>1200mm x 600mm x 50mm</td>
<td>4 hours</td>
</tr>
</tbody>
</table>

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

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Delta Sama Jaya Sdn. Bhd.

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