DC FLEXZONE™ – Suprafine®
9/16" Exposed Tee System

KEY SELECTION ATTRIBUTES
• Main beams only with integrated electrical conductors capable of distributing power to electrical devices such as light fixtures and sensors
• UL Listed and EMerge Alliance® Registered for use in 24VDC power distribution systems
• Single DC circuit available on top bulb only
• Integrates with standard cross tees, moldings, and accessories for Suprafine and Suprafine HRC suspension systems
• Installed acoustically as part of the overall ceiling system, with electrical connections to the grid made subsequently by qualified electricians
• High recycled content steel for sustainable design as part of the Suprafine HRC Grid family
• Exposed Tee design combines superior durability and stability with a narrow grid face for a refined appearance
• Seismic performance with heavy-duty load rating meets the most stringent codes

TYPICAL APPLICATIONS
• Offices
• Retail
• Education
• Hospitality
• Healthcare

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Grid Face</th>
<th>Item No.*</th>
<th>Description</th>
<th>Dimensions</th>
<th>Hanger Spacing Lbs./Lm. Ft.</th>
<th>Seismic Category</th>
<th>Total Recycled Content</th>
<th>Total Post-Consumer Content</th>
<th>PCS/Ctn.</th>
<th>LFT/Ctn.</th>
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</thead>
<tbody>
<tr>
<td>DC Main Beams</td>
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<tr>
<td>9/16&quot;</td>
<td>DC750106</td>
<td>6’ HD Main Beam, Routs 12” OC, First Rout 6” from End</td>
<td>72” x 9/16” x 1-11/16”</td>
<td>16.83 8.69</td>
<td>•</td>
<td>54%</td>
<td>45%</td>
<td>10</td>
<td>60</td>
</tr>
<tr>
<td>9/16&quot;</td>
<td>DC750108</td>
<td>8’ HD Main Beam, Routs 12” OC, First Rout 6” from End</td>
<td>96” x 9/16” x 1-11/16”</td>
<td>16.83 8.69</td>
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<td>54%</td>
<td>45%</td>
<td>10</td>
<td>80</td>
</tr>
<tr>
<td>9/16&quot;</td>
<td>DC750110</td>
<td>10’ HD Main Beam, Routs 12” OC, First Rout 6” from End</td>
<td>120” x 9/16” x 1-11/16”</td>
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<td>54%</td>
<td>45%</td>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>9/16&quot;</td>
<td>DC750112</td>
<td>12’ HD Main Beam, Routs 12” OC, First Rout 6” from End</td>
<td>144” x 9/16” x 1-11/16”</td>
<td>16.83 8.69</td>
<td>•</td>
<td>54%</td>
<td>45%</td>
<td>10</td>
<td>120</td>
</tr>
<tr>
<td>Non-Powered Border Mains</td>
<td></td>
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</tr>
<tr>
<td>9/16&quot;</td>
<td>750106</td>
<td>6’ HD Border Main Beam Routs 12” OC, Notched 24” OC</td>
<td>72” x 9/16” x 1-11/16”</td>
<td>16.83 8.69</td>
<td>•</td>
<td>61%</td>
<td>50%</td>
<td>20</td>
<td>120</td>
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</table>

Accessories

<table>
<thead>
<tr>
<th>Item No.*</th>
<th>Description</th>
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<tbody>
<tr>
<td>DCINS</td>
<td>Insulator Cap 2&quot;</td>
</tr>
<tr>
<td>BACG90A</td>
<td>Brace Attachment Clip</td>
</tr>
<tr>
<td>UPC</td>
<td>Partition Clip</td>
</tr>
</tbody>
</table>

Installation Instructions

- Reflect your ceiling plans, indicating orientation, location, and length of DC powered mains and field-cut border mains. Installers should follow the RCP.
- Do not use predesignated factory power key slots for hanger wire.
- Use Insulator Caps (item DCINS) over any clips that touch the integrated conductors.
- Do not screw through the bulb of a DC Main.
- Use BAC (item BACG90A) Clips for any screw attachments for seismic applications and bracing.
- Use Partition Clips (UPC) screwed to the web of the grid for any attachments to the underside of the grid.

Details and Grid Intersection

| DC SILHOUETTE | SILHOUETTE Cross Tee | 9/16" Hemmed Angle Molding (7804HRC) | 7/8" Hemmed Angle Molding (7808HRC) |

TechLine® 877 276-7876
armstrong.com/dcflexzone
DC FLEXZONE™ – Silhouette® 1/4" Reveal
9/16" Slot System

ELECTRICAL DATA

- After DC main beams have been installed as part of an acoustical ceiling suspension system, qualified electricians make all electrical connections to grid mains.
- Each DC main is designed to mate with Emerge Alliance® Registered power distribution cable assemblies at designated locations along the length of each main.

Electrical Capacity: 24 Volt DC, 4.1 Amps, 100 Watts on each Class 2 circuit (i.e., top bulb & bottom box)

Electrical Code Compliance: NEC Class 2, UL 2577 Listed, Emerge Alliance® Registered

Wiring: 12 AWG copper solid flat conductor, tin finish

WARNING: DC MAIN BEAMS ARE NOT INTENDED FOR USE WITH AC LINE VOLTAGE.

1ST AVAILABLE CIRCUIT: Conductors on bulb

DC Suprafine Mains contain electrical conductors along the top “bulb” of the grid bus bar, providing capability for one Class 2 circuit on each main.

IMPORTANT ELECTRICAL CONNECTIONS

24 Volt DC Class 2 power shall be connected in a predesignated factory power key slot on the DC Suprafine main beam. The one available circuit on DC Suprafine mains is located on the top of the “bulb” 12” from each end.*

NOTE: Power slots are available on one end only on 6' DC mains.

DC FLEXZONE CEILING SYSTEM PARTNERS

DC FlexZone Ceiling Grid Systems are designed for use with compatible power, infrastructure, lighting compatible and controls products available from DC FlexZone Compatible Partners.

Power Distribution and Controls

AUDACY

Lighting Options

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Maximize your sustainable ceiling system by combining DC FlexZone – Suprafine main beams with Suprafine HRC cross tees and molding, as well as the following sustainable ceiling panels:

<table>
<thead>
<tr>
<th>Product</th>
<th>Dimensions</th>
<th>Notes</th>
</tr>
</thead>
</table>
| ULTIMA® Ceiling-2-Ceiling™ | 2' x 2' x 3/4" | Suprafine 9/16"
| CIRRUS® Ceiling-2-Ceiling™ | 2' x 2' x 3/4" | Suprafine 9/16"
| DUNE™ Ceiling-2-Ceiling™ | 2' x 2' x 5/8" | Suprafine 9/16"
| TIERRA™ | 2' x 2' x 5/8" | Suprafine 9/16"

PHYSICAL DATA

Material
Hot-dipped galvanized steel made from USA produced recycled steel. Plastic insulated copper bus conductors.
Note: Item 750106 Border Main steel only/no conductors.

Surface Finish
Baked polyester paint or anodized on steel. Tin finish on conductors.

Face Dimension
9/16"

Profile
Exposed Tee

Cross Tee/Main Beam Interface
XL – Override

End Detail
Main Beam: Staked-on clip
Cross Tee: Staked-on clip

Duty Classification
Heavy-duty

ASTM C635
Heavy-duty main beam classification, commercial-quality hot dipped galvanized steel. Exposed surface chemically cleansed, galvanized capping prefinished in baked polyester or anodized finish.

Seismic Performance
Main beams – DC7501xx – all lengths
Minimum Lbs. to pull out compression/tension – 361.3

Cross tees
Minimum Lbs. to pull out compression/tension – 352.0
See Suprafine XL® HRC data page for detail on cross tees.

ICC Reports
For areas under ICC jurisdiction, see ICC evaluation report number 1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to re-examination, revisions, and possible cancellation.