Armstrong DGS QuikStix is a fast and easy solution for framing “Bulkhead” Ceilings and an economical alternative to Stud and Track construction.

**Features**
- Knockouts at 150mm centers reduces cutting time.
- Alignment holes make screw installation simple and forms perfect 30, 45, 60, 75 and 90 degree angles.
- Flattened bulb is offset to allow true angles without interference.
- Bending crimp prevents misalignment.
- 90 degree angle fits locking angle mold (LAT-36).

**Components**

**QuikStix Tee with Knurled Face**

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Dimensions</th>
<th>Rout Spacing</th>
<th>Content / Bundle / Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP 79QS36</td>
<td>3600</td>
<td>39/41</td>
<td>75 in / 150 o.c.</td>
</tr>
</tbody>
</table>

**Cross Runner: PeakForm 38 XL² with Knurled Face** (stab connection, override)

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Dimensions</th>
<th>Rout Spacing</th>
<th>Content / Bundle / Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP 793033</td>
<td>1200</td>
<td>38</td>
<td>Centre</td>
</tr>
</tbody>
</table>

**Perimeter Trims**

- Knurled Channel Moulding (hemmed with Knurled lower leg)
  - BP KCM 36 3600 40 38 – 12 43.2 15.6
- Locking Angle Trim (hemmed with Knurled faces)
  - BP LAT36 3600 32 32 75 in / 150 o.c. 20 72 26
- Angle Trim (hemmed with Knurled faces)
  - BP KAM36 3600 32 32 – 20 72 26

**StrongBack Support**

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Dimensions</th>
<th>Rout Spacing</th>
<th>Content / Bundle / Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP 79SB36</td>
<td>3600</td>
<td>50</td>
<td>150</td>
</tr>
</tbody>
</table>
QUIKSTIX BULKHEADS

Option 1: Direct Attach Method
Option 2: Suspended from Deck

QuikStix Bulkhead Board Loadings/Design – Maximum Weight m²

<table>
<thead>
<tr>
<th>Frame Centres</th>
<th>Horizontal Span</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>400mm</td>
</tr>
<tr>
<td>600mm</td>
<td>1 x 16mm Plasterboard</td>
</tr>
</tbody>
</table>

NOTE – Horizontal Spans Greater Than 900mm Require Vertical Support
NOTE – For Stepped Bulkheads Please Consult The DGS Technical Guide

Suspended Bulkhead
Suspension Points | Vertical Drop
600mm Centres | 2775mm
1200mm Centres | 1050mm

Direct Fixed Bulkhead
Fixing Centres | Vertical Drop
600mm | 2775mm

NOTE – Suspended Bulkheads to be screw fixed to strongback
Refer to above table for suspension Points

Design Loads Based On Items Below
BP79QS36 QUIKSTIX
BP79SB36 STRONGBACK

- 10mm Plasterboard | 6.8kgs m²
- 13mm Plasterboard | 8.8kgs m²
- 13mm Plasterboard | 10.5kgs m²
- 16mm Plasterboard | 13kgs m²
- 10mm Ceiling Board | 7.2kgs m²
QUIKSTIX BULKHEADS

**Loadings/Design Considerations**

- If QS section is spaced at 600 on centre, with a horizontal span of 900, the system will carry 18.16 kg/m².
- Moving QS sections further apart, to 1200, with 1200 tees between, and a horizontal span of 800, the system will carry 10.22 kg/m².
- If tees are used to spread QS sections further apart, tees should be installed at 450 o/c.
- Horizontal spans greater than 900 require vertical support.
- Diagonal bracing as required inside the soffit.
- Vertical Drops measured when BoxBeam is suspended by StrongBack.
- If BoxBeam is suspended from upper ceiling, it must be screwed directly to main beams, with a hanger to structure above the connection. Diagonal bracing inside the box as required.
- Box ribs spaced at 600 o/c.
- Loads applied based on 15mm board, with board on two sides and bottom.
- Dimensions are for each side of box or drop – 2925 maximum drop for soffit/box.

**Drywall Step Vertical**
Above: A completed QuikStix Bulkhead Installation

Right: QuikStix Bulkhead Installation in progress

QuikStix Knockout Close-up

QuikStix Large Bulkhead

QuikStix Stepped Bulkhead
### Transition Clips with Locking Tabs

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Product Description</th>
<th>Pcs / Bucket</th>
<th>Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPDW10LT</td>
<td>Transition Clips with Locking Tabs facilitate transition from drywall to acoustical ceiling; one-sided hold-down clip; eliminates need for drywall bead. Locking tabs provide secure location for DGS tees For 10mm Plasterboard</td>
<td>125</td>
<td>⬤</td>
</tr>
<tr>
<td>BPDW13LT</td>
<td>For 13mm Plasterboard</td>
<td>125</td>
<td>⬤</td>
</tr>
<tr>
<td>BPDW16LT</td>
<td>For 16mm Plasterboard</td>
<td>125</td>
<td>⬤</td>
</tr>
<tr>
<td>ALDW13</td>
<td>Suits 45/50 Top Hat for 13mm Plasterboard</td>
<td>100</td>
<td>⬤</td>
</tr>
<tr>
<td>BPDW90C</td>
<td>30, 45, 60 and 90 degree Drywall Angle Clips are used to create positive and secure angles for drywall and ceiling installations on either Main Bars or Cross Runners</td>
<td>250</td>
<td>⬤</td>
</tr>
<tr>
<td>BPDW45C</td>
<td></td>
<td>250</td>
<td>⬤</td>
</tr>
<tr>
<td>BPDW60C</td>
<td></td>
<td>250</td>
<td>⬤</td>
</tr>
<tr>
<td>BPDW90C</td>
<td></td>
<td>250</td>
<td>⬤</td>
</tr>
<tr>
<td>BPRC2</td>
<td>Radius Clip is used to secure the Main Bar at the desired angle in curved ceiling applications. Includes a rout for Cross Runners installation</td>
<td>205</td>
<td>⬤</td>
</tr>
<tr>
<td>BPGC3W</td>
<td>3 Way Bite Clip connects Intersecting Cross Runners at any point along a Main Bar or other Cross Runners</td>
<td>250</td>
<td>⬤</td>
</tr>
<tr>
<td>BPOSUTC*</td>
<td>Up Tight Clip is used for Direct fix applications *Non stock item – lead time required</td>
<td>150</td>
<td>⬤</td>
</tr>
<tr>
<td>SCDGS</td>
<td>Rod Hanging Clip is the standard height adjustable suspension clip connecting from 2.5 or 5mm rod to the DGS Main Bar</td>
<td>100</td>
<td>⬤</td>
</tr>
<tr>
<td>DWDFC</td>
<td>Direct Fix Clip – 180mm L Shape</td>
<td>100</td>
<td>⬤</td>
</tr>
<tr>
<td>DWDFC120</td>
<td>Direct Fix Clip – 120mm L Shape</td>
<td>100</td>
<td>⬤</td>
</tr>
<tr>
<td>DWDFC180</td>
<td>Direct Fix Clip – 180mm Flat Extension</td>
<td>100</td>
<td>⬤</td>
</tr>
<tr>
<td>DWDFC1850</td>
<td>Direct Fix Clip – 180mm L Shape with 50mm Head</td>
<td>100</td>
<td>⬤</td>
</tr>
<tr>
<td>DGSSCS</td>
<td>DGS Suspension Clip Small is the standard height adjustable suspension clip connecting from 2.5 or 5mm rod to the DGS Main Bar</td>
<td>100</td>
<td>⬤</td>
</tr>
<tr>
<td>DGSSCTR</td>
<td>DGS Threaded Rod Clip is a suspension clip for 6mm Threaded Rod</td>
<td>100</td>
<td>⬤</td>
</tr>
</tbody>
</table>

**Legend:** ⬤ Flat Ceilings, ⬤ Wall systems, ⬤ Curved Ceilings, ⬤ Quikstix Bulkheads, ⬤ ShortSpan
**ARCHITECTURAL SPECIFICATIONS**

**Bulkhead / Soffit:** Suspended Grid structure shall be Armstrong DGS QuickStix, comprising of QuickStix Tees and Cross Runners, including Wall Mouldings and Transition Trims, as per manufacturer’s instructions. Contact your Armstrong Office for additional project specification details.

**TECHNICAL DATA**

**Features**
- **Knurled Face**
  Positive screw penetration into tees
- **ScrewStop**
  Reverse hem prevents screw spin off on Tee face
- **38mm Wide Face**
  Main Bars and Cross Runners – easy installation of screw fixed plasterboard sheets
- **Rotary stitched Double Thickness Web**
  For additional torsional strength and stability
- **Simple Integration of Mechanical Services**

**General Benefits**
- Reduced installation time
- Reduced labour costs
- Reduced material costs and wastage
- Low 38mm profile across one plane
- Material off cuts can be used for bracing and as an alternative suspension method

**Physical Data**
- Material: Hot dipped galvanised steel
- Recycled Content: 25%
- Surface Finish: Z275 galvanised
- Main Bar / Cross Runner Interface: Joggled ends
- End Detail:
  - Main Bar: staked-on SuperLock clip
  - Cross Runner: staked-on XL² clip

**Code Compliance**
Armstrong DGS is designed and manufactured to comply with the following standards:

- AS/NZ 2785-2000: Suspended Ceilings – Design and Installation
- AS/NZ 2589-2007: Gypsum linings – Application and finishing
- AS/NZ 1397-2002: Steel sheet and strip – Hot-dipped zinc-coated or aluminium/zinc-coated
- AS/NZ 4600-2005: Cold-formed steel structures
- AS/NZ 1170-2002: Structural Design Actions

For Seismic Design support please contact your local Armstrong office.

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**Armstrong, the Global Leader in Acoustic Ceilings**

**NSW**
Armstrong World Industries Pty. Ltd.
99 Derby Street,
Silverwater NSW 2128
Telephone (02) 9748 1588
Facsimile (02) 9748 8449

**VIC/TAS**
Armstrong World Industries Pty. Ltd.
29-39 Mills Road,
Braeside VIC 3195
Telephone (03) 9580 9633
Facsimile (03) 9587 5139

**QLD/NT**
Armstrong World Industries Pty. Ltd.
6 Barrinia Street,
Slacks Creek QLD 4127
Telephone (07) 3809 5565
Facsimile (07) 3809 5507

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