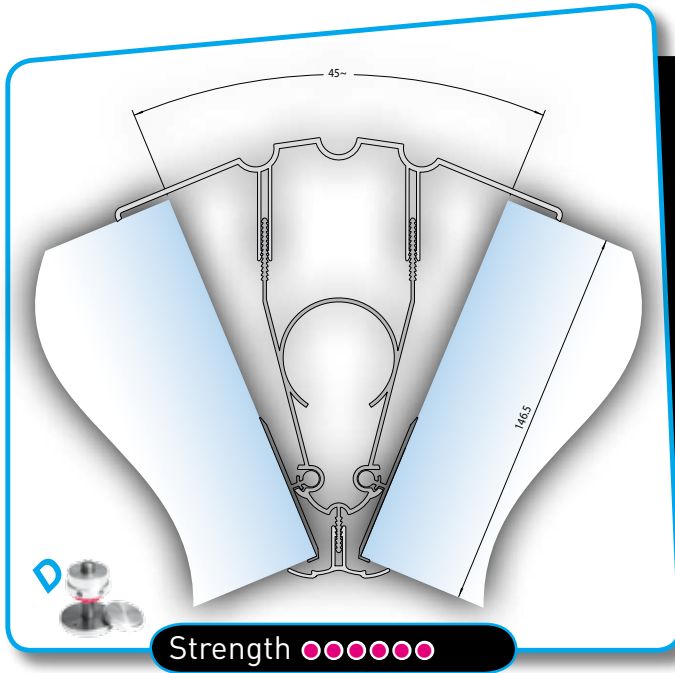


Sash Window Load Bearing Variable Angle Baypole

VS Bay

120° - 150°



Strength ●●●●●●

VSLBB01 – VSLBB01 is designed to accommodate Sash Window Frames with a depth of 135-150mm.

VSLBB02 – VSLBB02 is designed to accommodate Sash Window Frames with a depth of 125mm. The design range is from 120°-150°

These products are loadbearing and a baypole jack is available.

Decorative Trims are fitted last making baypole jack adjustment easy.

VSLBB01 $ixx = 71.83\text{cm}^4$, $iyy = 21.67\text{cm}^4$
VSLBB02

Note - Frame adapters were not included in the calculation so the I values quoted remain constant at different angles.

The correct frame adapter for this baypole is 482028.

Frame Deductions

| Angle | Frame Deduction (Per Side or Per Touch) in mm |
|-------|---|
| 120 | 5.2 |
| 125 | 6.4 |
| 130 | 7.6 |
| 135 | 9 |
| 140 | 10.1 |
| 145 | 11.4 |
| 150 | 12.6 |

Max Loads

| Height | VSLBB01 | VSLBB02 |
|--------|---------|---------|
| 600 | 3.26 | 3.26 |
| 900 | 3.26 | 3.26 |
| 1200 | 3.06 | 3.06 |
| 1500 | 2.90 | 2.90 |
| 1800 | 2.90 | 2.90 |
| 2100 | 2.66 | 2.66 |
| 2400 | 2.40 | 2.40 |

Ordering Guide

Note: We truncated down the I-values to include a safety factor within this calculation

Aluminium Ordering Guide

| Picture | Part No. | Description | Pack Size |
|---------|-------------|--|-----------|
| | VSBAYPOLE01 | Vertical Slider Variable Angle Bay Aluminium (Frame Depth 130-148mm) | 2x6m |
| | VSBAYPOLE02 | Vertical Slider Variable Angle Bay Aluminium (Frame Depth 125mm - 130mm) | 2x6m |
| | 482028 | Frame Adapter for Vertical Slider Baypole (Screw to frame) | 4x6m |

PVCu Ordering Guide

| Picture | Part No. | Description | Pack Size |
|---------|---------------------|--|-----------|
| | DBI (Specify White) | Decorative Bay Inner/Decorative Coupler Trim | 4x6m |
| | VSO (Specify White) | Vertical Slider Baypole Outer Trim | 4x6m |

Bay Jack Ordering Guide

| Picture | Part No. | Description | Pack Size |
|---------|----------|--|-----------|
| | VSLBP | Loadbearing Plug (Takes Weight Through the cill, not jackable) | Each |
| | VSTS | Top Spreaderplate | Each |
| | Jack D | Baypole Jack kit for Vertical Slider Variable Angle Baypole | Each |
| | VSLBP | Loadbearing Plug (Takes Weight Through the cill, not jackable) | Each |
| | VSTS | Top Spreaderplate | Each |
| | Jack D | Baypole Jack kit for Vertical Slider Variable Angle Baypole | Each |