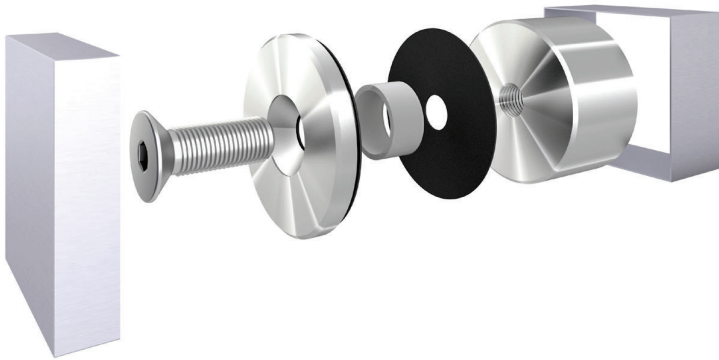


# 50MM DOUBLEDISC SD50 BALUSTRADE SYSTEM


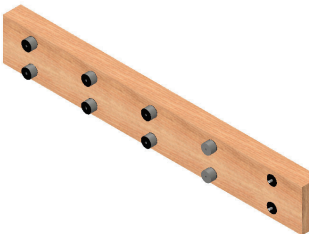
## Installation / Fitting Instructions

### SIDE FIX

#### (SD50) – Heavy Weight Anchor



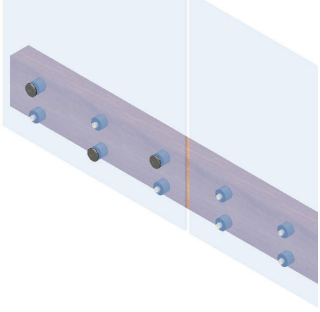
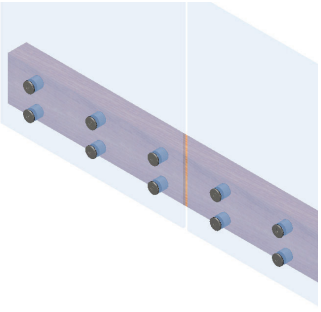
50MM DOUBLEDISC SD50 SYSTEM

Product	Installation/Fitting Instructions
<p><b>Structure Fastening Installation</b> Typical Layout of SD50 – Double Disc Anchors.</p> 	<ul style="list-style-type: none"> <li>• Verify the deck capacity can withstand the loads required for installation prior to fixing balustrade.</li> <li>• Using laser level or string line, cast level lines horizontally and vertically to find the centre points of the fastenings required for the building structure as detailed in the PS1.               <ul style="list-style-type: none"> <li>– Minimum edge distance from top of structure to centre line of fixing is 50mm.</li> <li>– Fixing layout centres are calculated as: 200mm in from glass edges; Equal spacing's between corner fixings to match PS1 design tables.</li> <li>– Height distances between rows are calculated as: 75mm for Residential purposes; 100mm for Commercial purposes.</li> </ul> </li> </ul>
<p><b>Backing Disc Installation</b> Structural fastening into backing Disc Tolerance.</p> 	<ul style="list-style-type: none"> <li>• Install fastenings as per the given PS1 for structure type.</li> <li>• Fix SD50 backing disc to the fastening, tightening to 40Nm (If using the square cover kit option insert this as required).               <ul style="list-style-type: none"> <li>– Ensure the backing discs are all on a level plane. If the building structure is not level:                   <ul style="list-style-type: none"> <li>– For SD50 Heavy Weight Anchor – add fibre gaskets (3 gaskets max.) or additional custom disc to a maximum of 100mm.</li> <li>– For SD50 Adjustable Heavy Weight Anchor – adjust the backing disc within its designed tolerance of 10mm.</li> </ul> </li> </ul> </li> </ul>

**IMPORTANT NOTE:** The guide above is simplified, and should in no way be referenced in isolation. For full comprehensive substrate fixing details please refer through to the PS1.

# 50MM DOUBLEDISC SD50 BALUSTRADE SYSTEM

## Installation / Fitting Instructions

Product	Installation/Fitting Instructions
<p><b>Glass Installation</b></p> 	<ul style="list-style-type: none"> <li>• NOTE: when ordering glass ensure the hole diameters are 26mm.</li> <li>• Check that the hole locations in the glass panels align with the backing disc fastening locations.               <ul style="list-style-type: none"> <li>– SD50 Adjustable Heavy Weight Anchor comes with preformed 15mm diameter bush. Tolerance is taken up in the 20mm diameter glass hole.</li> <li>– SD50 Heavy Weight Anchor M10 bushes should be changed to BE20-M10 (eccentric) or BS20-M10 (slotted) bushes to allow for 2.0mm adjustment horizontally if required.</li> </ul> </li> <li>• Install glass panels.               <ul style="list-style-type: none"> <li>– For SD50 Heavy Weight Anchor – use black fibre gasket to backing disc surface, suitable bush for tolerance (thickness to suit the glass t), black fibre gasket to outer disc and M10 fastening (length to suit the glass t).</li> <li>– M10 fastening must not clash with building structure fastening inside the backing disc.</li> <li>– For SD50 Adjustable Heavy Weight Anchor – use gaskets and M10 fastening supplied with the anchor.</li> </ul> </li> </ul> <p>Fix the SD50 front disc through the glass panel to the backing disc, tightening to 40Nm (If using the square cover kit option insert this as required).</p>
<p><b>Final Adjustment</b></p> 	<ol style="list-style-type: none"> <li>1. Check Glass panel gaps, levels and alignments of frit or similar pattern details. Align with setting blocks and/ or spacers to suit.</li> <li>2. Check SD50 Double Disc anchors have been torqued to 40Nm.</li> </ol>
<p><b>Cleaning</b></p>	<p>Once everything is correctly in place and the job is complete, the glass and disc need to be cleaned. Use a non-abrasive glass cleaner on the glass and warm soapy water on the SD50 disc. We also recommend a soft sponge or cloth, again to avoid any risk of scratching. For full care and maintenance guidelines please refer to our comprehensive guide <a href="#">page 716</a>.</p>

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