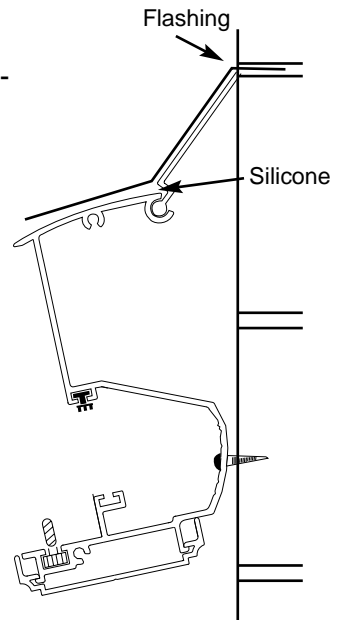


## INSTALLATION GUIDE

A simple one piece easy to install complete variable pitch (10° to 30°) wallplate system. For use with 'Polytec' glazing bars using 16mm and 25mm polycarbonate panels and 24mm glass units.

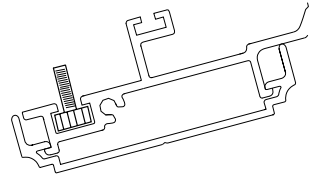
### STEP 1

Examine the wall plate to familiarise yourself with the way it operates. Determine the angle of pitch to which the roof is to be fitted. You will notice inside the mouth of the fixing aperture a number of lines. These are drilling/fixing lines set at 2.5° pitch, 5°, 10°, 15°, 20°, 25° and 30°. The first line (top line) is 2.5° pitch and so on. Decide which pitch line to fix and level up the wall plate (see chart overleaf for fixing line/height). Drill through the mouth of the fixing aperture into masonry with an 8mm drill bit, keeping your drill horizontal. Plug and screw approximately every 750mm along the length using the wallplate fixings supplied, tap into position through wallplate and screw tight with a screwdriver. The pitch of the wallplate is now set and fixed. Apply a silicone bead along the joint of the mill finish aluminium trim and coloured wallplate to seal joint. Then dress lead flashing over mill finish aluminium to end of coloured wallplate. **NOTE: Standard 16mm and 25mm polycarbonate is not recommended to be fitted under 10° pitch.**



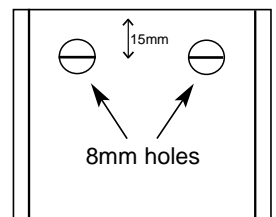
### STEP 2

Slide captive fixing bolts (2 per glazing bar - supplied separately) along the wall plate channel with thread end sticking upwards and into position where glazing bars are to locate.



### STEP 3

Drill glazing bar with an 8mm hole each side of the underside of the bar 15mm from the end of the bar. Locate glazing bars into previously positioned captive bolts through holes already drilled. Ensure bars are parallel and secure into position (checking glazing centres) with fixing nuts.



Underside of Bar

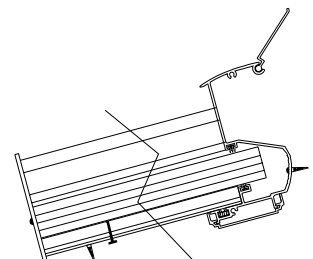
### STEP 4

Cut to size Polycarbonate panels to length adding an extra 10mm longer than the glazing bar length. Install panel between bars and push panel up into the wall plate aperture past the top glazing gaskets, ensure gaskets are not snagged.

### STEP 5

Finally, snap on glazing bar top cappings. It is important to **silicone around butt joint where capping butts up adjacent to the wall plate.**

Thank you for choosing the 'Polytec' Variable Pitch Wall Plate System.



## DRILL POSITIONS

DRILL POSITION FROM UNDERSIDE OF EAVES BEAM (TOP OF WINDOW FRAME) TO DRILL HOLE ON WALL FOR WALL PLATE FIXING.

| EXTERNAL DEPTH <sub>mm</sub> | PITCH: |     |     |      |      |      |      |  |
|------------------------------|--------|-----|-----|------|------|------|------|--|
|                              | *2.5°  | *5° | 10° | 15°  | 20°  | 25°  | 30°  |  |
| 2000                         | 173    | 258 | 422 | 611  | 799  | 999  | 1218 |  |
| 2250                         | 184    | 280 | 466 | 678  | 890  | 1116 | 1362 |  |
| 2500                         | 195    | 302 | 520 | 745  | 981  | 1232 | 1507 |  |
| 2750                         | 206    | 324 | 554 | 812  | 1072 | 1349 | 1651 |  |
| 3000                         | 217    | 345 | 598 | 879  | 1163 | 1465 | 1796 |  |
| 3250                         | 228    | 367 | 642 | 946  | 1254 | 1582 | 1940 |  |
| 3500                         | 238    | 389 | 686 | 1013 | 1345 | 1698 | 2084 |  |
| 3750                         | 249    | 411 | 731 | 1080 | 1436 | 1815 | 2229 |  |
| 4000                         | 260    | 433 | 775 | 1147 | 1527 | 1932 | 2373 |  |
| 4250                         | 271    | 455 | 819 | 1214 | 1618 | 2048 | 2517 |  |
| 4500                         | 282    | 477 | 862 | 1281 | 1709 | 2165 | 2662 |  |
| 4750                         | 293    | 499 | 907 | 1348 | 1800 | 2281 | 2806 |  |
| 5000                         | 304    | 520 | 951 | 1415 | 1891 | 2398 | 2950 |  |

ALL DIMENSIONS ABOVE IN MM

\* PITCHES NOT RECOMMENDED FOR 16mm OR 25mm POLYCARBONATE

