Contents

Rafter Glazing Bar Systems
P700 Snap-fit Rafter Glazing System ........................................... Page 4
500-501 Rafter Glazing System ................................................. Page 6
226-261 Rafter Glazing System .................................................. Page 8
320-261 Rafter Glazing System .................................................. Page 10

Structural Glazing Bar Systems
226-227 Structural Glazing System ........................................... Page 12
320-286 Structural Glazing System ........................................... Page 14
P600 Snap-fit Structural Glazing System ................................... Page 16
280-283 Structural Glazing System ........................................... Page 18
287-283 Structural Glazing System ........................................... Page 20
280-288 Structural Glazing System ........................................... Page 22
287-288 Structural Glazing System ........................................... Page 24

Vertical Glazing Systems
Easiglaze Vertical Glazing System ........................................... Page 26

Glazing Accessories
ESG Gasket ............................................................................ Page 28
226G Gasket ........................................................................... Page 28
280G Gasket ........................................................................... Page 28
280HG Gasket ........................................................................ Page 28
280GC Gasket Carrier ........................................................... Page 28
284 PVCu Thermal Underclad ................................................... Page 28
MLUC PVCu Thermal Underclad ............................................. Page 28
ADT10-25R Breather Tape ..................................................... Page 28
Butyl Flashing ......................................................................... Page 28
Dibond Flashing ...................................................................... Page 28
P226F Eaves Filler .................................................................. Page 28
P285F Eaves Filler .................................................................. Page 28
U Profiles ................................................................................ Page 29
F Profiles ................................................................................ Page 29
P722 / 723 / 725 PVCu F Profile .............................................. Page 29
Side Trim ................................................................................ Page 29
22M7-10 Angled F Profile ..................................................... Page 29
P752 / 753 / 755 PVCu U Profile .............................................. Page 29
RG-MEP Mechanical End Plate .............................................. Page 29
SG-MEP70/95 Mechanical End Plate ...................................... Page 29

Bar Support Systems
290 Aluminium Wall Plate ...................................................... Page 30
291 Aluminium Eaves Beam .................................................. Page 30
292 Aluminium Wall Plate ...................................................... Page 30
293 Aluminium Eaves Beam .................................................. Page 30

Fixings
Stainless Steel Fixings ............................................................. Page 31
Screw Cover Caps .................................................................. Page 31
Nylon Fixing Buttons ............................................................ Page 31

Polycarbonate Glazing
6mm Multiwall Polycarbonate ................................................ Page 32
10mm Multiwall Polycarbonate .............................................. Page 32
16mm Multiwall Polycarbonate .............................................. Page 33
25mm Multiwall Polycarbonate .............................................. Page 33
32mm Multiwall Polycarbonate .............................................. Page 34
6mm Solid Polycarbonate ...................................................... Page 34
6mm Solid Georgian Wired Polycarbonate ......................... Page 35
**P700 Snap-fit Rafter Glazing System**

1. 700 Snap-fit PVCu Cap
2. 700 Aluminium Base Bar
3. 700G Gasket
4. 700EP End Plate
5. P226F Eaves Filler
6. Breather Tape
7. PVCu U Profile
8. Stainless Steel Screws
9. PVCu F Profile
10. Polycarbonate

**Installation Instructions**

1. Cut aluminium base bar to required length and fix to structural rafter (45mm wide) 100mm from each end at 400mm max centres. Slide foot of end plate into place and fix. Fit loose gasket to base bar. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

2. Place glazing sheets onto the base bar. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.

3. Press the plastic capping bar into the aluminium base bar securing the glazing in place. Repeat this process for the remaining panels.

4. At the start and finish of a glazing area, an F profile is to be used. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

5. Cut the plastic U-profiles to fit between the end caps and push fit in place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile.

6. Slide down the plastic end plate onto the base bracket covering the glazing capping bar.
All you need to know...

A snap-fit rafter glazing bar into which multiwall polycarbonate can be fitted. Glass cannot be used with this glazing system. The P700 can be fitted onto rafters at least 45mm in width. The system can be supplied either as a pre-pack complete with the aluminium base bar, PVCu cap, gaskets and end plate or as loose individual items.

Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

P700 Pre-pack includes

1 x 700 Aluminium base bar
1 x 700 PVCu snap-fit capping bar
2 x 700G Gasket
1 x Two part PVCu push fit end plate

Glazing with polycarbonate

The system is suitable for glazing with polycarbonate up to 25mm.

Glazing with glass

The system is not suitable for use with glass.

Structure

45mm wide aluminium base bar to be supported by a suitable sub-structure.

Maximum glazing centres

10mm Multiwall polycarbonate - 700mm
16mm Multiwall polycarbonate - 1000mm
25mm Multiwall polycarbonate - 1250mm
## 500-501 Rafter Glazing System

### Installation Instructions

1. **Cut rafter gasket and fix to structural rafter (50mm wide) at 300mm centres. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.**

2. **Place glazing sheets onto the gaskets. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.**

3. **Secure the glazing cap to the base using the appropriate screws (using plastic cover caps if required) 50mm from each end and 300mm max centres, ensuring screws are not over tightened.**

4. **At the start and finish of a glazing area, a side trim profile can be used, clamped into the glazing bar. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.**

5. **Cut ‘U’ profiles to fit between bars, at the top and bottom, and push into place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile. Once in place repeat 1 to 5 for other glazing bars.**

6. **Push fit the plastic end plate in place ensuring it is fully clipped into the correct position to complete the system.**
All you need to know...

An aluminium capped rafter gasket glazing bar into which multiwall polycarbonate, solid polycarbonate or glass can be fitted onto rafters at least 50mm in width.

The system can be supplied either as a pre-pack complete with the aluminium cap, gaskets and end plate or as loose individual items.

### Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*6m lengths are not a stock item, available on request. 7m lengths may also be available.

Powder coating is available in specific colours, please call for prices and lead times.

500-501 Pre-pack (P501) includes

1 x 500 Aluminium capping bar
2 x 226G Gasket (inserted)
1 x 501 Rafter gasket
1 x 500EP Push-fit plastic end plate

Glazing with polycarbonate

The system is suitable for glazing with polycarbonate up to 25mm.

Glazing with glass

The system is suitable for glazing with glass up to 24mm, but will not support glass without additional structure. When used with glass, mechanically fixed end plates are recommended in place of the face fixed end plate.

### Structure

50mm wide rafter gasket to be supported by a suitable sub-structure.

### Maximum glazing centres

- 10mm Multiwall polycarbonate - 700mm
- 16mm Multiwall polycarbonate - 1000mm
- 25mm Multiwall polycarbonate - 1250mm
Installation Instructions

1. Cut rafter gasket and fix to structural rafter (60mm wide) at 300mm centres. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

2. Place glazing sheets onto the gaskets. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.

3. Secure the glazing cap to the base using the appropriate screws (using plastic cover caps if required) 50mm from each end and 300mm max centres, ensuring screws are not over tightened.

4. At the start and finish of a glazing area, a side trim profile can be used, clamped into the glazing bar. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

5. Cut ‘U’ profiles to fit between bars, at the top and bottom, and push into place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile. Once in place repeat 1 to 5 for other glazing bars.

6. Screw fix the plastic end plate in place ensuring it is fully clipped into the correct position to complete the system.
All you need to know...

An aluminium capped rafter gasket glazing bar into which multiwall polycarbonate, solid polycarbonate or glass can be fitted onto rafters at least 60mm in width.

The system can be supplied either as a pre-pack complete with the aluminium cap, gaskets and end plate or as loose individual items.

Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*6m Lengths to be provided as loose items. 7m lengths may also be available.

Powder coating is available in specific colours, please call for prices and lead times.

226-261 Pre-pack (P261) includes

1 x 226 Aluminium capping bar
2 x 226G Gasket (inserted)
1 x 261 Rafter gasket
1 x 226EP Push-fit plastic end plate

Glazing with polycarbonate

The system is suitable for glazing with polycarbonate up to 25mm.

Glazing with glass

The system is suitable for glazing with glass up to 24mm, but will not support glass without additional structure. When used with glass, mechanically fixed end plates are recommended in place of the face fixed end plate.

Hipped application

When glazing in a hipped application the 226H hip bar should be used. This glazing bar is available in mill finish, white and brown, is 3m, 4m and 6m and comes with a push-fit plastic end plate. The 226H bar can be used with roofs up to a maximum 25 degree pitch.

Structure

60mm wide rafter gasket to be supported by a suitable sub structure.

Maximum glazing centres

10mm Multiwall polycarbonate - 700mm
16mm Multiwall polycarbonate - 1000mm
25mm Multiwall polycarbonate - 1250mm
**320-261 Rafter Glazing System**

Installation Instructions

1. Cut rafter gasket and fix to structural rafter (60mm wide) at 300mm centres. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

2. Place glazing sheets onto the gaskets. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.

3. Secure the glazing cap to the base using the appropriate screws 50mm from each end and 300mm max centres, ensuring screws are not over tightened. Only fix screw cover clip once all bars have been installed.

4. At the start and finish of a glazing area, a side trim profile can be used, clamped into the glazing bar. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

5. Cut ‘U’ profiles to fit between bars, at the top and bottom, and push into place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile. Once in place repeat 1 to 5 for other glazing bars.

6. Screw fix the aluminium end plate in place ensuring it is fully clipped into the correct position to complete the system.

**Components:**

1. 320 Capping Bar
2. 280G Gasket
3. Side Trim
4. 261 Rafter Gasket
5. 320EP End Plate
6. P226F Eaves Filler
7. Breather Tape
8. U Profile
9. 400C Screw Cover Clip
10. Stainless Steel Screws
11. Polycarbonate / Glass
All you need to know...

An aluminium capped rafter gasket glazing bar into which multiwall polycarbonate, solid polycarbonate or glass can be fitted onto rafters at least 60mm in width. The system comes with hidden fix cover strip giving a neat fixing free finish. The system can be supplied either as a pre-pack complete with the aluminium cap, screw cover cap, gaskets and end plate or as loose individual items. For use in a hipped application use the 280HG hipped gasket with the 320 cap, or alternatively, the 321 hip bar.

Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*6m Lengths to be provided as loose items. 7m lengths may also be available.
Powder coating is available in specific colours, please call for prices and lead times.

320-261 Pre-pack (P320) includes

1 x 320 Aluminium capping bar
2 x 280G Gasket (inserted)
1 x 400C Screw cover clip
1 x 261 Rafter gasket
1 x 320EP Screw-fix aluminium end plate

Glazing with polycarbonate

The system is suitable for glazing with polycarbonate up to 25mm.

Glazing with glass

The system is suitable for glazing with glass up to 24mm, but will not support glass without additional structure. When used with glass, mechanically fixed end plates are recommended in place of the face fixed end plate.

Structure

60mm wide rafter gasket to be supported by a suitable sub structure.

Maximum glazing centres

10mm Multiwall polycarbonate - 700mm
16mm Multiwall polycarbonate - 1000mm
25mm Multiwall polycarbonate - 1250mm

Hipped application

When glazing in a hipped application the 321 hip bar should be used. This glazing bar is available in mill finish, white and brown, in lengths 3m, 4m and 6m and comes with a screw-fix aluminium end plate and 400C screw cover clip. The 321 hipped bar can be used with roofs up to a maximum 25 degree pitch.
1. Cut aluminium bars to required lengths. Install with suitable screws to the eaves beam, wall plate/ridge beam and any intermediate purlins. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

2. Place glazing sheets onto the bars. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.

3. Secure the glazing cap to the base using the appropriate screws (using plastic cover caps if required) 50mm from each end and 300mm max centres, ensuring screws are not over tightened.

4. At the start and finish of a glazing area, a side trim profile can be used, clamped into the glazing bar. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

5. Cut ‘U’ profiles to fit between bars, at the top and bottom, and push into place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile. Once in place repeat 1 to 5 for other glazing bars.

6. Screw fix the plastic end cap in place ensuring it is fully clipped into the correct position to complete the system.
All you need to know...

An aluminium structural glazing bar into which multiwall polycarbonate, solid polycarbonate or glass can be fitted in thicknesses ranging from 4mm to 25mm. When glazing with multiwall polycarbonate the system is capable of spanning up to 1.4m between fixing points. The system can be supplied either as a pre-pack complete with the aluminium cap, gaskets and end plate or as loose individual items. If glazing in a hipped application the 226H capping bar should replace the 226.

### Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✔</td>
<td></td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

*6m Lengths to be provided as loose items. 7m lengths may also be available.

Powder coating is available in specific colours, please call for prices and lead times.

### 226-227 Pre-pack (P227) includes

- 1 x 226 Aluminium capping bar
- 1 x 227 Aluminium base bar
- 4 x 226G Gasket (inserted)
- 1 x 226EP Push-fit plastic end plate

### Maximum span (based on a maximum loading of 0.6 kN)

1.4m with multiwall polycarbonate.

### Maximum glazing centres

- 10mm Multiwall polycarbonate - 700mm
- 16mm Multiwall polycarbonate - 1000mm
- 25mm Multiwall polycarbonate - 1250mm

### Glazing with polycarbonate

The system is suitable for glazing with polycarbonate up to 25mm.

### Glazing with glass

The system is suitable for glazing with glass up to 24mm, but will not support glass without additional structure. When used with glass, mechanically fixed end plates are recommended in place of the face fixed end plate.

### Hipped application

When glazing in a hipped application the 226H hip bar should be used in place of the 226. This glazing bar is available in mill finish, white and brown in lengths of 3m, 4m and 6m and comes with a push-fit plastic end plate. The 226H bar can be used with roofs up to a maximum 25 degree pitch.
Installation Instructions

1. Cut aluminium bars to required lengths. Install with suitable screws to the eaves beam, wall plate/ridge beam and any intermediate purlins. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

2. Place glazing sheets onto the bars. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.

3. Secure the glazing cap to the base using the appropriate screws 50mm from each end and 300mm max centres, ensuring screws are not over tightened. Fix screw cover cap only once all bars have been installed.

4. At the start and finish of a glazing area, a side trim profile can be used, clamped into the glazing bar. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

5. Cut ‘U’ profiles to fit between bars, at the top and bottom, and push into place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile. Once in place repeat 1 to 5 for other glazing bars.

6. Screw fix the aluminium end cap in place ensuring it is fully placed into the correct position to complete the system.
All you need to know...

An aluminium structural glazing bar into which multiwall polycarbonate, solid polycarbonate or glass can be fitted in thicknesses ranging from 4mm to 25mm. When glazing with multiwall polycarbonate the system is capable of spanning up to 1.5m between fixing points. For internal applications PVCu underclad is recommended. If glazing with glass the structural end plate is required. For use in a hipped application use the 280HG hipped gasket. The system also comes with hidden fix cover strip giving a neat fixing free finish.

Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
*6m Lengths to be provided as loose items. 7m lengths may also be available. Powder coating is available in specific colours, please call for prices and lead times.

320-286 Pre-pack (P286) includes

1 x 320 Aluminium capping bar
1 x 400C Screw cover clip
1 x 286 Aluminium base bar
4 x 280G Gasket (inserted)
1 x 320EP Screw-fix aluminium end plate

Glazing with polycarbonate
The system is suitable for glazing with polycarbonate up to 25mm.

Glazing with glass
The system is suitable for glazing with glass up to 24mm, but will not support glass without additional structure. When used with glass, mechanically fixed end plates are recommended in place of the face fixed end plate.

Maximum span (based on a maximum loading of 0.6 kN)
1.5m with multiwall polycarbonate.

Maximum glazing centres
10mm Multiwall polycarbonate - 700mm
16mm Multiwall polycarbonate - 1000mm
25mm Multiwall polycarbonate - 1250mm
### Installation Instructions

1. Cut aluminium bars and PVCu underclad to required lengths. Install with suitable screws to the eaves beam, wall plate/ridge beam and any intermediate purlins. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

2. Place glazing sheets onto the bars. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.

3. At the start and finish of a glazing area, a side trim bar is used. Screw fix the side trim bar to the side of the structure and slide the sheet into the side trim. If fitting to a side wall use an F-Profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

4. Press the plastic capping bar into the aluminium base bar securing the glazing in place. Repeat this process for the remaining panels.

5. Cut ‘U’ profiles to fit between bars, at the top and bottom, and push into place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile. Once in place repeat 1 to 5 for other glazing bars.

6. Screw fix the plastic end cap in place ensuring it is fully clipped into the correct position to complete the system.

---

<table>
<thead>
<tr>
<th>P600 Snap-fit Structural Glazing System</th>
</tr>
</thead>
</table>

1. 600 Snap-fit PVCu Cap  
2. 600 Aluminium Base Bar  
3. 280G Gasket  
4. 284 PVCu Underclad  
5. 600EPW End Plate  
6. P285F Eaves Filler  
7. Breather Tape  
8. U Profile  
9. Screw Cover Caps  
10. Stainless Steel Screws  
11. Polycarbonate  
12. Side Trim Bar  
13. Side Trim End Plate
All you need to know...

A snap-fit structural glazing bar into which multiwall polycarbonate can be fitted. The P600 glazing bar is capable of spanning up to 3 metres between fixing points. The P600 glazing bar will accommodate multiwall polycarbonate at 16mm and 25mm thicknesses.

### Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### P600 Pre-pack includes

- 1 x 600 Snap-fit PVCu capping bar
- 1 x 600 Aluminium base bar
- 2 x 280G Gasket (inserted)
- 1 x 284 PVCu Underclad
- 1 x 600EPW Screw-fix plastic end plate

#### Glazing with polycarbonate

The system is suitable for glazing with 16mm & 25mm multiwall polycarbonate.

#### Glazing with glass

This system is not suitable for use with glass.

### Maximum Span

(based on a maximum loading of 0.6 kN)

3m with multiwall polycarbonate.

### Maximum Glazing Centres

- 16mm Multiwall polycarbonate - 1000mm
- 25mm Multiwall polycarbonate - 1250mm
Installation Instructions

1. Cut aluminium bars to required lengths. Install with suitable screws to the eaves beam, wall plate/ridge beam and any intermediate purlins. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

2. Place glazing sheets onto the bars. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.

3. Secure the glazing cap to the base using the appropriate screws 50mm from each end and 300mm max centres, ensuring screws are not over tightened.

4. At the start and finish of a glazing area, a side trim profile can be used, clamped into the glazing bar. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

5. Cut ‘U’ profiles to fit between bars, at the top and bottom, and push into place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile. Once in place repeat 1 to 5 for other glazing bars.

6. Screw fix the plastic end cap in place ensuring it is fully placed into the correct position to complete the system.
All you need to know...

An aluminium structural glazing bar into which multiwall polycarbonate, solid polycarbonate or glass can be fitted in thicknesses ranging from 4mm to 25mm. When glazing with multiwall polycarbonate the system is capable of spanning up to 3.2m between fixing points. For internal applications PVCu underclad is recommended. If glazing with glass the structural end plate is required. For use in a hipped application use the 280HG hipped gasket.

Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*6m Lengths to be provided as loose items. 7m lengths may also be available.
Powder coating is available in specific colours, please call for prices and lead times.

280-283 Pre-pack (P280) includes

1 x 280 Aluminium capping bar
1 x 283 Aluminium base bar
4 x 280G Gasket (inserted)
1 x 280EP Screw-fix plastic end plate

Glazing with polycarbonate

The system is suitable for glazing with polycarbonate up to 25mm.

Glazing with glass

The system is suitable for glazing with glass up to 24mm but may not support glass without additional structure. When used with glass, mechanically fixed end plates are recommended in place of the face fixed end plate.

Maximum span (based on a maximum loading of 0.6 kN)

3.2m with multiwall polycarbonate.
2.2m with 6.8mm laminated glass units.

Maximum glazing centres

10mm Multiwall polycarbonate - 700mm
16mm Multiwall polycarbonate - 1000mm
25mm Multiwall polycarbonate - 1250mm
Glass - 600mm
287-283 Structural Glazing System

Installation Instructions

1. Cut aluminium bars to required lengths. Install with suitable screws to the eaves beam, wall plate/ridge beam and any intermediate purlins. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

2. Place glazing sheets onto the bars. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.

3. Secure the glazing cap to the base using the appropriate screws 50mm from each end and 300mm max centres, ensuring screws are not over tightened. Fix screw cover cap only once all bars have been installed.

4. At the start and finish of a glazing area, a side trim profile can be used, clamped into the glazing bar. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

5. Cut ‘U’ profiles to fit between bars, at the top and bottom, and push into place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile. Once in place repeat 1 to 5 for other glazing bars.

6. Screw fix the aluminium end cap in place ensuring it is fully placed into the correct position to complete the system.

1. 287 Capping Bar
2. 280G Gasket
3. Side Trim
4. 283 Base Bar
5. Alu End Plate
6. P285F Eaves Filler
7. Breather Tape
8. U Profile
9. 400C Screw Cover Clip
10. Stainless Steel Screws
11. Polycarbonate / Glass
All you need to know...

An aluminium structural glazing bar into which multiwall polycarbonate, solid polycarbonate or glass can be fitted in thicknesses ranging from 4mm to 25mm. When glazing with multiwall polycarbonate the system is capable of spanning up to 3.2m between fixing points. For internal applications PVCu underclad is recommended. If glazing with glass the structural end plate is required. For use in a hipped application use the 280HG hipped gasket. The system also comes with hidden fix cover strip giving a neat fixing free finish.

### Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*6m Lengths to be provided as loose items. 7m lengths may also be available. Powder coating is available in specific colours, please call for prices and lead times.

### 287-283 Pre-pack (P287) includes

- 1 x 287 Aluminium capping bar
- 1 x 400C Screw cover clip
- 1 x 283 Aluminium base bar
- 4 x 280G Gasket (inserted)

### End plates

When glazing with polycarbonate, please order the ALU287EP flat end plate, when glazing with glass order the ALUSBMEP mechanical end plate.

### Maximum span (based on a maximum loading of 0.6 kN)

- 3.2m with multiwall polycarbonate.
- 2.2m with 6.8mm laminated glass units.

### Maximum glazing centres

- 10mm Multiwall Polycarbonate - 700mm
- 16mm Multiwall Polycarbonate - 1000mm
- 25mm Multiwall Polycarbonate - 1250mm
- Glass - 600mm

### Glazing with polycarbonate

The system is suitable for glazing with polycarbonate up to 25mm.

### Glazing with glass

The system is suitable for glazing with glass up to 24mm, but may not support glass without additional structure. When used with glass, mechanically fixed end plates are recommended in place of the face fixed end plate.
**280-288 Structural Glazing System**

1. **280 Capping Bar**
2. **280HG Gasket**
3. **Side Trim**
4. **288 Base Bar**
5. **Mechanical End Plate**
6. **P285F Eaves Filler**
7. **Breather Tape**
8. **U Profile**
9. **Screw Cover Caps**
10. **Stainless Steel Screws**
11. **Polycarbonate / Glass**

**Installation Instructions**

1. Cut aluminium bars to required lengths. Install with suitable screws to the eaves beam, wall plate/ridge beam and any intermediate purlins. Fix the structural end plate into the eaves beam/base bar using suitable fixings.

2. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

3. Place glazing sheets onto the bars. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.

4. Secure the glazing cap to the base using the appropriate screws 50mm from each end and 300mm max centres, ensuring screws are not over tightened.

5. At the start and finish of a glazing area, a side trim profile can be used, clamped into the glazing bar. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

6. Cut ‘U’ profiles to fit between bars, at the top and bottom, and push into place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile. Once in place repeat process for other glazing bars.
All you need to know...

An aluminium structural glazing bar into which multiwall polycarbonate, solid polycarbonate or glass can be fitted in thicknesses ranging from 6mm (when used with a gasket carrier), 16mm (when used with 280HG Gasket) and up to 25mm (when used with 280G Gasket). When glazing with multiwall polycarbonate the system is capable of spanning up to 4m between fixing points, glass glazing may require additional structure. For internal applications PVCu underclad is recommended.

This glazing bar requires a mechanical end plate which must be purchased separately.

Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*6m Lengths to be provided as loose items. 7m lengths may also be available. Powder coating is available in specific colours, please call for prices and lead times.

280-288 Pre-pack (P288) includes

1 x 280 Aluminium capping bar
1 x 288 Aluminium base bar
4 x 280G Gasket (inserted)

End plates

When glazing with polycarbonate, please order the ALU280EP flat end plate, when glazing with glass order the ALUSBMEP mechanical end plate.

Maximum span (based on a maximum loading of 0.6 kN)

4m with multiwall polycarbonate.
2.6m with 24mm double-glazed glass units.

Maximum glazing centres

10mm Multiwall polycarbonate - 700mm
16mm Multiwall polycarbonate - 1000mm
25mm Multiwall polycarbonate - 1250mm
Glass - 600mm

Glazing with polycarbonate

The system is suitable for glazing with polycarbonate up to 25mm.

Glazing with glass

The system is suitable for glazing with glass up to 24mm, but may not support glass without additional structure. When used with glass, mechanically fixed end plates are recommended.

Additional items

280GC Gasket carrier - required for glazing thicknesses 6mm - 15mm
280HG Hipped gasket - required for glazing thicknesses 16mm - 25mm
**Installation Instructions**

1. **287 Capping Bar**
   - Secure the glazing cap to the base using the appropriate screws 50mm from each end and 300mm max centres, ensuring screws are not over tightened. Fix screw cover cap when all bars have been installed.

2. **280HG Gasket**
   - Cut aluminium bars to required lengths. Install with suitable screws to the eaves beam, wall plate/ridge beam and any intermediate purlins. Fix the structural end plate into the eaves beam/base bar using suitable fixings.

3. **Side Trim**
   - If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

4. **288 Base Bar**
   - Place glazing sheets onto the bars. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes of the polycarbonate are blown free of any dust or swarf and seal each end with breather tape.

5. **Mechanical End Plate**
   - At the start and finish of a glazing area, a side trim profile can be used, clamped into the glazing bar. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

6. **P285F Eaves Filler**
   - Cut ‘U’ profiles to fit between bars, at the top and bottom, and push into place. A bead of polycarbonate compatible silicone can be applied to the upper side of the sheet where it meets the U-profile. Once in place repeat process for other glazing bars.

7. **Breather Tape**

8. **U Profile**

9. **400C Screw Cover Clip**

10. **Stainless Steel Screws**

11. **Polycarbonate / Glass**
All you need to know...

An aluminium structural glazing bar into which multiwall polycarbonate, solid polycarbonate or glass can be fitted in thicknesses ranging from 6mm (when used with a gasket carrier), 16mm (when used with 280HG Gasket) and up to 25mm (when used with 280G Gasket). When glazing with multiwall polycarbonate the system is capable of spanning up to 4m between fixing points, glass glazing may require additional structure. For internal applications PVCu underclad is recommended.

This glazing bar requires a mechanical end plate which must be purchased separately.

Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*6m Lengths to be provided as loose items. 7m lengths may also be available.
Powder coating is available in specific colours, please call for prices and lead times.

287-288 Pre-pack (P287/288) includes

- 1 x 287 Aluminium capping bar
- 1 x 400C Screw cover clip
- 1 x 288 Aluminium base bar
- 4 x 280G Gasket (inserted)

End plates

When glazing with polycarbonate, please order the ALU287EP flat end plate, when glazing with glass order the ALUSBMEP mechanical end plate.

Maximum span (based on a maximum loading of 0.6 kN)

- 4m with multiwall polycarbonate.
- 2.6m with 24mm double-glazed glass units.

Maximum glazing centres

- 10mm Multiwall polycarbonate - 700mm
- 16mm Multiwall polycarbonate - 1000mm
- 25mm Multiwall polycarbonate - 1250mm
- Glass - 600mm

Glazing with polycarbonate

The system is suitable for glazing with polycarbonate up to 25mm.

Glazing with glass

The system is suitable for glazing with glass up to 24mm, but may not support glass without additional structure. When used with glass, mechanically fixed end plates are recommended.

Additional Items

- 280GC Gasket carrier - required for glazing thicknesses 6mm - 15mm
- 280HG Hipped gasket - required for glazing thicknesses 16mm - 25mm
Installation Instructions

1. Cut aluminium bars to required lengths. Build up first panel by push fitting glazing sheets into bars at each side and U-profile at top and base. Sheet sizes to be 20mm narrower than glazing bar centres and 12mm shorter than the glazing bar length. Ensure flutes are free of any dust or swarf and sealed with breather tape.

2. Fix the panel to the supporting structure using suitable fixing screw through centre of glazing bars. If an eaves filler is being used, cut to length to fit between the installed bars and screw fix.

3. Repeat step 1 forming a new panel with a glazing bar to the opposite side only, slide in place and fix glazing bar in place repeating step 2. Repeat process for extent of glazed area.

4. At the start and finish of a glazing area, a side trim profile can be used, pushed into the glazing bar. If fitting to a side wall turn the profile with the leg facing outwards this must then be sealed or dressed with a flashing.

5. Push fit the 400C cover clip to give neat fixing free finish on each of the glazing bars.

6. Fix the Easiglaze end plate in place using stainless steel fixings to complete the system. If required use mechanical/structural end plates to the bottom end of the panels.
All you need to know...

Easiglaze roof glazing panels feature an ultra-low profile for the safe, quick and easy installation of multiwall polycarbonate in vertical applications. Fitted from the side each panel is designed to be installed without sealants and gaskets. The built-in water management system ensures no leakage will occur. When glazing with multiwall polycarbonate the system is capable of spanning up to 2.0m vertically between fixing points. For internal applications PVCu underclad is recommended.

Availability

<table>
<thead>
<tr>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>6m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Finish</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>White (RAL 9910 Satin)</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Brown (RAL 8040 Satin)</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*All lengths are provided as loose items. 7m lengths may also be available. Powder coating is available in specific colours, please call for prices and lead times.

Maximum span (based on a maximum loading of 0.6 kN)

2m with multiwall polycarbonate.

Maximum glazing centres

16mm Multiwall polycarbonate - 1000mm
25mm Multiwall polycarbonate - 1250mm

Glazing with polycarbonate
The system is suitable for glazing with 16mm & 25mm multiwall polycarbonate.

Glazing with glass
The system is not suitable for glazing with glass.
**Glazing Accessories**

**ESG Gasket**  
For use with P226F eaves filler in structural applications  
**Lengths:** 2.5m  
**Colours:** Black

**MLUC PVCu Thermal Underclad**  
Fits into Easiglaze bar when glazing an internal application to manage condensation.  
**Lengths:** 2.5m, 3m, 3.5m, 4m, 6m  
**Colours:** White, Brown

**226G Gasket**  
For use with 226 and 500 capping bars, and 227 base bars.  
**Sizes:** 50m roll  
**Colours:** Black

**Breather & Blanking Tape**  
Fitted over flutes at either end of a polycarbonate panel to prevent dust.  
**Sizes:**  
- ADT10R - 10x25mm x 33m  
- ADT16R - 16x38mm x 33m  
- ADT25R - 25x45mm x 33m  
- BT10/16R - 38mm x 50m  
- BT25R - 50mm x 50m

**280G Gasket**  
For use in standard glazing applications. Dependant on glazing thickness can be replaced with 280HG.  
**Sizes:** 50m roll  
**Colours:** Black

**Butyl Flashing**  
Self-adhesive flashing.  
**Sizes:** (mm width / metre roll)  
- 100/20 - White / Lead Look  
- 200/10 - White / Lead Look  
- 200/20 - White / Lead Look

**280HG Half Round Gasket**  
To replace 280G gasket for hipped applications and when glazing is 16mm thick with the 288 base bar.  
**Sizes:** 50m roll  
**Colours:** Black

**Dibond Flashing**  
3mm thick aluminium with polythene core and routed centre to allow folding.  
**Sizes:**  
- 100mm x 100mm x 3m  
- 148mm x 148mm x 3m  
**Colours:** White, Black

**280GC Gasket Carrier**  
Fits into 280 and 287 capping bar when glazing is less than 16mm thick.  
**Lengths:** 3m, 4m  
**Colours:** Mill Finish, White, Brown

**P226F Eaves Filler**  
Infills eaves gap below glazing, use 226G gasket for rafter systems and ESG gasket for structural systems.  
**Lengths:** 4m  
**Colours:** Mill Finish, White, Brown

**284 PVCu Thermal Underclad**  
Fits into structural base bars when glazing an internal application to manage condensation. Not suitable for use with 227 base bar.  
**Lengths:** 2.5m, 3m, 3.5m, 4m, 6m  
**Colours:** White, Brown

**P285F Eaves Filler**  
Use at eaves to infill gap below glazing material. For use with structural glazing bar applications.  
**Lengths:** 4m  
**Colours:** Mill Finish, White, Brown
U Profiles
For closing off open edge of polycarbonate glazing. U profile end closure is cut to length and fitted over the taped ends of the polycarbonate both on the top and bottom. Can also be used on the facing edge of a double glazed glass unit.

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Size</th>
<th>Colour</th>
<th>2.5m</th>
<th>3m</th>
</tr>
</thead>
<tbody>
<tr>
<td>252</td>
<td>10mm</td>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>253</td>
<td>16mm</td>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>255</td>
<td>25mm</td>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

Side Trim
At the start and finish of a glazing area, a side trim profile can be used, clamped into the glazing bar. If fitting to a side wall turn the profile with the leg facing upwards, this must then be sealed or dressed with a flashing.

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Size</th>
<th>Colour</th>
<th>3m</th>
<th>4m</th>
</tr>
</thead>
<tbody>
<tr>
<td>272</td>
<td>10mm</td>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>273</td>
<td>16mm</td>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>275</td>
<td>25mm</td>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

F Profiles
For use at the start and finish of a glazing area an F profile can be used in place of a glazing bar but must be fixed to suitable structure. If fitting to a wall turn the leg facing upwards, this must then be sealed or dressed with a flashing.

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Size</th>
<th>Colour</th>
<th>3m</th>
<th>4m</th>
<th>6m</th>
</tr>
</thead>
<tbody>
<tr>
<td>221</td>
<td>6mm</td>
<td>Mill Finish</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222</td>
<td>10mm</td>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>223</td>
<td>16mm</td>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>225</td>
<td>25mm</td>
<td>Mill Finish</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

222M7-10 Angled F Profile
For use with 10mm glazing only, used to fix glazing at ridge at a 10 degree pitch.
Lengths: 7m
Colours: Mill Finish

P752 / 753 / 755 PVCU U Profile
PVCU alternative to aluminium U profiles.
Sizes: 10mm, 16mm, 25mm
Lengths: 2.1m
Colours: White, Brown

RG-MEP Mechanical End Plate
For use in rafter glazing applications. When glazing with glass always use a mechanical end plate.
Sizes: 50mm (l) x 70mm (w) x 70mm (h)
Colours: Mill Finish, White, Brown

P722 / 723 / 725 PVCU F Profile
PVCU alternative to aluminium F profiles. Aesthetic only, does not provide structural strength.
Sizes: 10mm, 16mm, 25mm
Lengths: 3m, 4m
Colours: White, Brown

SG-MEP70/95 Mechanical End Plate
For structural applications. When glazing with glass use SG-MEP70 or SG-MEP95 to suit glass thickness.
Sizes: 50mm (l) x 70mm (w) x 70/95mm (h)
Colours: Mill Finish, White, Brown
**290 Aluminium Wall Plate**

Wall plate to support glazing bars between 5° & 25° pitches. 290EP end plates to be used at each open end.

- **Lengths:** 4m, 6m
- **Colours:** Mill Finish, White, Brown

**292 Aluminium Wall Plate**

Adjustable wall plate to support glazing bars between 5° & 25° pitches. Includes 292A channel and 292B wall bracket.

- **Lengths:** 4m, 6m
- **Colours:** Mill Finish, White, Brown

**291 Aluminium Eaves Beam**

Eaves beam to support glazing bars between 5° & 25° pitches. 291EP end plates to be used at each open end.

- **Lengths:** 4m, 6m
- **Colours:** Mill Finish, White, Brown

**293 Aluminium Eaves Beam**

Eaves beam to support glazing bars between 5° & 25° pitches. 293EP end plates to be used at each open end.

- **Lengths:** 4m, 6m
- **Colours:** Mill Finish, White, Brown
Fixings

Stainless Steel Fixings

<table>
<thead>
<tr>
<th>System</th>
<th>Sheet Thickness</th>
<th>Screw Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td>226/261*</td>
<td>All</td>
<td>65/10/WS</td>
</tr>
<tr>
<td>320/261</td>
<td>All</td>
<td>65/10/WS</td>
</tr>
<tr>
<td>500/501*</td>
<td>All</td>
<td>65/10/WS</td>
</tr>
<tr>
<td>226/227*</td>
<td>10mm</td>
<td>25/10/ST</td>
</tr>
<tr>
<td></td>
<td>16mm</td>
<td>32/10/ST</td>
</tr>
<tr>
<td></td>
<td>25mm</td>
<td>38/10/ST</td>
</tr>
<tr>
<td>226H/227H*</td>
<td>10mm</td>
<td>32/10/ST</td>
</tr>
<tr>
<td></td>
<td>16mm</td>
<td>38/10/ST</td>
</tr>
<tr>
<td></td>
<td>25mm</td>
<td>50/10/ST</td>
</tr>
<tr>
<td>280/283*</td>
<td>10mm</td>
<td>25/10/ST</td>
</tr>
<tr>
<td></td>
<td>16mm</td>
<td>32/10/ST</td>
</tr>
<tr>
<td></td>
<td>25mm</td>
<td>38/10/ST</td>
</tr>
<tr>
<td>280H/283H*</td>
<td>10mm</td>
<td>32/10/ST</td>
</tr>
<tr>
<td></td>
<td>16mm</td>
<td>38/10/ST</td>
</tr>
<tr>
<td></td>
<td>25mm</td>
<td>50/10/ST</td>
</tr>
<tr>
<td>280/288*</td>
<td>16mm**</td>
<td>19/10/ST</td>
</tr>
<tr>
<td></td>
<td>25mm</td>
<td>19/10/ST</td>
</tr>
<tr>
<td>280/288/288GC</td>
<td>6mm</td>
<td>19/10/ST</td>
</tr>
<tr>
<td></td>
<td>8mm</td>
<td>25/10/ST</td>
</tr>
<tr>
<td></td>
<td>10mm</td>
<td>25/10/ST</td>
</tr>
<tr>
<td>320/286</td>
<td>10mm</td>
<td>32/10/ST</td>
</tr>
<tr>
<td></td>
<td>16mm</td>
<td>38/10/ST</td>
</tr>
<tr>
<td></td>
<td>25mm</td>
<td>45/10/ST</td>
</tr>
</tbody>
</table>

*S Denotes use with screw cover cap
** Denotes bar installed with 280HG Gasket

Screw Cover Caps

100 No. plastic cover caps for fixings in top of capping bars.

Colours: White, Brown, Grey

Nylon Fixing Buttons

Used on timber structures where the polycarbonate is supplied wider than our recommendations. The polycarbonate needs to be drilled, the button offered to the hole and screwed through the button into the timber. The buttons should be placed every 300mm.

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Size</th>
<th>Colour</th>
<th>Box Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>242</td>
<td>6mm</td>
<td>White</td>
<td>250</td>
</tr>
<tr>
<td>243</td>
<td>8mm</td>
<td>White</td>
<td>250</td>
</tr>
<tr>
<td>244</td>
<td>10mm</td>
<td>White</td>
<td>250</td>
</tr>
<tr>
<td>247</td>
<td>10mm</td>
<td>Brown</td>
<td>250</td>
</tr>
<tr>
<td>245</td>
<td>16mm</td>
<td>White</td>
<td>250</td>
</tr>
<tr>
<td>248</td>
<td>16mm</td>
<td>Brown</td>
<td>250</td>
</tr>
<tr>
<td>249</td>
<td>25mm</td>
<td>White</td>
<td>250</td>
</tr>
<tr>
<td>250</td>
<td>25mm</td>
<td>Brown</td>
<td>250</td>
</tr>
<tr>
<td>P244</td>
<td>10mm</td>
<td>White</td>
<td>10</td>
</tr>
<tr>
<td>P247</td>
<td>10mm</td>
<td>Brown</td>
<td>10</td>
</tr>
<tr>
<td>P245</td>
<td>16mm</td>
<td>White</td>
<td>10</td>
</tr>
<tr>
<td>P248</td>
<td>16mm</td>
<td>Brown</td>
<td>10</td>
</tr>
<tr>
<td>P249</td>
<td>25mm</td>
<td>White</td>
<td>10</td>
</tr>
<tr>
<td>P250</td>
<td>25mm</td>
<td>Brown</td>
<td>10</td>
</tr>
</tbody>
</table>
Polycarbonate Glazing

6mm Multiwall Polycarbonate

Our 6mm multiwall polycarbonate sheet combines high light transmission, thermal insulation and excellent weather resistance. The sheet is lightweight, impact resistant and easy to install. It features a co-extruded UV-protective layer on one side of the sheet which provides almost total resistance against degradation caused by UV radiation in sunlight and almost no UV radiation passes through the sheet. This UV protected side must be installed facing outwards. Our range of multiwall sheet carries a Ten Year Limited Warranty against discolouration, loss of light transmission and/or loss of strength due to weathering.

Structure: Twinwall
Standard sheet sizes: 3m & 6m lengths x 2.1m width

<table>
<thead>
<tr>
<th>Colours</th>
<th>Clear</th>
<th>Opal</th>
<th>Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour Code</td>
<td>1099</td>
<td>1146</td>
<td>1845</td>
</tr>
<tr>
<td>Weight</td>
<td>1.3Kg/m²</td>
<td>1.7Kg/m²</td>
<td>1.7Kg/m²</td>
</tr>
<tr>
<td>Light Transmission</td>
<td>79%</td>
<td>70%</td>
<td>41%</td>
</tr>
<tr>
<td>U Value</td>
<td>3.7W/m²k</td>
<td>3.1W/m²k</td>
<td>3.1W/m²k</td>
</tr>
<tr>
<td>Hail Impact Test</td>
<td>&gt;21m/sec</td>
<td>&gt;21m/sec</td>
<td>&gt;21m/sec</td>
</tr>
<tr>
<td>Weighted Sound Reduction Index</td>
<td>17dB</td>
<td>17dB</td>
<td>17dB</td>
</tr>
<tr>
<td>Minimum Permissible Cold Bending Radius*</td>
<td>900mm</td>
<td>900mm</td>
<td>900mm</td>
</tr>
</tbody>
</table>

*cold bending must be parallel to the ribs of the sheet.

10mm Multiwall Polycarbonate

Our 10mm multiwall polycarbonate sheet combines high light transmission, thermal insulation and excellent weather resistance. The sheet is lightweight, impact resistant and easy to install. It features a co-extruded UV-protective layer on one side of the sheet which provides almost total resistance against degradation caused by UV radiation in sunlight and almost no UV radiation passes through the sheet. This UV protected side must be installed facing outwards. Our range of multiwall sheet carries a Ten Year Limited Warranty against discolouration, loss of light transmission and/or loss of strength due to weathering.

Structure: Twinwall
Standard sheet sizes: 6m & 7m lengths x 2.1m widths

<table>
<thead>
<tr>
<th>Colours</th>
<th>Clear</th>
<th>Opal</th>
<th>Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour Code</td>
<td>1099</td>
<td>1146</td>
<td>1845</td>
</tr>
<tr>
<td>Weight</td>
<td>1.7Kg/m²</td>
<td>1.7Kg/m²</td>
<td>1.7Kg/m²</td>
</tr>
<tr>
<td>Light Transmission</td>
<td>80%</td>
<td>70%</td>
<td>41%</td>
</tr>
<tr>
<td>U Value</td>
<td>3.1W/m²k</td>
<td>3.1W/m²k</td>
<td>3.1W/m²k</td>
</tr>
<tr>
<td>Energy Transmission</td>
<td>75%</td>
<td>69%</td>
<td>O/A</td>
</tr>
<tr>
<td>Hail Impact Test</td>
<td>&gt;21m/sec</td>
<td>&gt;21m/sec</td>
<td>&gt;21m/sec</td>
</tr>
<tr>
<td>Weighted Sound Reduction Index</td>
<td>16dB</td>
<td>16dB</td>
<td>16dB</td>
</tr>
<tr>
<td>Minimum Permissible Cold Bending Radius*</td>
<td>1500mm</td>
<td>1500mm</td>
<td>1500mm</td>
</tr>
</tbody>
</table>

*cold bending must be parallel to the ribs of the sheet.
**16mm Multiwall Polycarbonate**

Our 16mm multiwall polycarbonate sheet combines high light transmission, good load bearing properties, good thermal insulation and excellent weather resistance. The sheet is lightweight, impact resistant and easy to install. It features a co-extruded UV-protective layer on both sides of the sheet which provides almost total resistance against degradation caused by UV radiation in sunlight and almost no UV radiation passes through the sheet. Our range of multiwall sheet carries a Ten Year Limited Warranty against discolouration, loss of light transmission and/or loss of strength due to weathering.

*Structure: Triplewall |

*Standard sheet sizes: 5m, 6m & 7m lengths x 980mm & 2.1m widths

<table>
<thead>
<tr>
<th>Colours</th>
<th>Clear</th>
<th>Opal</th>
<th>Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour Code</td>
<td>2099</td>
<td>2146</td>
<td>2845</td>
</tr>
<tr>
<td>Weight</td>
<td>2.6Kg/m²</td>
<td>2.6Kg/m²</td>
<td>2.6Kg/m²</td>
</tr>
<tr>
<td>Light Transmission</td>
<td>74%</td>
<td>62%</td>
<td>30%</td>
</tr>
<tr>
<td>U Value</td>
<td>2.2W/m²K</td>
<td>2.2W/m²K</td>
<td>2.2W/m²K</td>
</tr>
<tr>
<td>Energy Transmission</td>
<td>69%</td>
<td>61%</td>
<td>48%</td>
</tr>
<tr>
<td>Hail Impact Test</td>
<td>&gt;21m/sec</td>
<td>&gt;21m/sec</td>
<td>&gt;21m/sec</td>
</tr>
<tr>
<td>Weighted Sound Reduction Index</td>
<td>18dB</td>
<td>18dB</td>
<td>18dB</td>
</tr>
</tbody>
</table>

---

**25mm Multiwall Polycarbonate**

Our 25mm multiwall polycarbonate sheet has a fivewall M-structure for enhanced stiffness. It combines good load bearing properties, good thermal insulation, light transmission and excellent weather resistance. The sheet is lightweight, impact resistant and easy to install. It features a co-extruded UV-protective layer on both sides of the sheet which provides almost total resistance against degradation caused by UV radiation in sunlight and almost no UV radiation passes through the sheet. Our range of multiwall sheet carries a Ten Year Limited Warranty against discolouration, loss of light transmission and/or loss of strength due to weathering.

*Structure: Fivewall M |

*Standard sheet sizes: 6m & 7m lengths x 1.23m & 2.1m widths

<table>
<thead>
<tr>
<th>Colours</th>
<th>Clear</th>
<th>Opal</th>
<th>Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour Code</td>
<td>2099</td>
<td>2146</td>
<td>2845</td>
</tr>
<tr>
<td>Weight</td>
<td>3.4Kg/m²</td>
<td>3.4Kg/m²</td>
<td>3.4Kg/m²</td>
</tr>
<tr>
<td>Light Transmission</td>
<td>49%</td>
<td>40%</td>
<td>13%</td>
</tr>
<tr>
<td>U Value</td>
<td>1.3W/m²K</td>
<td>1.3W/m²K</td>
<td>1.3W/m²K</td>
</tr>
<tr>
<td>Energy Transmission</td>
<td>48%</td>
<td>42%</td>
<td>32%</td>
</tr>
<tr>
<td>Hail Impact Test</td>
<td>&gt;21m/sec</td>
<td>&gt;21m/sec</td>
<td>&gt;21m/sec</td>
</tr>
<tr>
<td>Weighted Sound Reduction Index</td>
<td>18dB</td>
<td>18dB</td>
<td>18dB</td>
</tr>
</tbody>
</table>
## 32mm Multiwall Polycarbonate

Our 32mm multiwall polycarbonate sheet has a five wall M-structure for enhanced stiffness. It combines good load bearing properties, good thermal insulation, light transmission and excellent weather resistance. The sheet is lightweight, impact resistant and easy to install. It features a co-extruded UV-protective layer on one side of the sheet which provides almost total resistance against degradation caused by UV radiation in sunlight and almost no UV radiation passes through the sheet. This UV protected side must be installed facing outwards. Our range of multiwall sheet carries a Ten Year Limited Warranty against discolouration, loss of light transmission and/or loss of strength due to weathering.

**Structure:** Fivewall M  
**Standard sheet sizes:** 7m lengths x 1.23m widths

<table>
<thead>
<tr>
<th>Colours</th>
<th>Clear</th>
<th>Opal</th>
<th>Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour Code</td>
<td>1099</td>
<td>1146</td>
<td>1845</td>
</tr>
<tr>
<td>Weight</td>
<td>3.7Kg/m²</td>
<td>3.7Kg/m²</td>
<td>3.7Kg/m²</td>
</tr>
<tr>
<td>Light Transmission</td>
<td>48%</td>
<td>38%</td>
<td>12%</td>
</tr>
<tr>
<td>U Value</td>
<td>1.1W/m²k</td>
<td>1.1W/m²k</td>
<td>1.1W/m²k</td>
</tr>
<tr>
<td>Energy Transmission</td>
<td>47%</td>
<td>41%</td>
<td>31%</td>
</tr>
<tr>
<td>Hail Impact Test</td>
<td>&gt;21m/sec</td>
<td>&gt;21m/sec</td>
<td>&gt;21m/sec</td>
</tr>
<tr>
<td>Weighted Sound Reduction Index</td>
<td>18db</td>
<td>18db</td>
<td>18db</td>
</tr>
</tbody>
</table>

## 6mm Solid Polycarbonate

Our 6mm solid polycarbonate sheet is a transparent polycarbonate sheet with UV protection on both sides offering excellent weathering properties. With its excellent impact resistance, it is ideally suited to a wide variety of building and construction applications. Although mainly used in flat applications, solid polycarbonate can be easily cold formed into gentle curves which make it ideal for skylights, covered walkways, barrel vaults, etc. Solid polycarbonate is thermoformable and can be heat formed into the desired geometry whilst retaining the UV resistant properties for weather resistant applications.

**Structure:** Solid  
**Standard sheet sizes:** 6.1m lengths x 2.05m widths

<table>
<thead>
<tr>
<th>Colours</th>
<th>Clear</th>
<th>Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour Code</td>
<td>2099</td>
<td>1146</td>
</tr>
<tr>
<td>Weight</td>
<td>7.2Kg/m²</td>
<td>7.2Kg/m²</td>
</tr>
<tr>
<td>Light Transmission</td>
<td>85%</td>
<td>50%</td>
</tr>
<tr>
<td>Energy Transmission</td>
<td>84%</td>
<td>65%</td>
</tr>
<tr>
<td>Sound Insulation</td>
<td>29dB</td>
<td>29dB</td>
</tr>
<tr>
<td>Solar Reflection</td>
<td>9%</td>
<td>7%</td>
</tr>
<tr>
<td>Solar Absorption</td>
<td>9%</td>
<td>38%</td>
</tr>
<tr>
<td>Direct Solar Transmission</td>
<td>82%</td>
<td>55%</td>
</tr>
</tbody>
</table>
Twinfix GW Polycarbonate is a clear pebbled effect polycarbonate sheet with UV protection on both sides offering excellent weathering properties. With its excellent impact resistance, it is ideally suited to a wide variety of building and construction applications. The sheet resembles the pattern of traditional Georgian wired glass whilst offering the UV resistant qualities and other benefits of polycarbonate.

**Structure:** Solid

**Standard sheet sizes:** 5m lengths x 600mm width, other widths available.

---

### 6mm Solid Georgian Wired Polycarbonate (Twinfix GW Polycarbonate™)

<table>
<thead>
<tr>
<th>Structure: Solid</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Colours</th>
<th>Clear RH Pebbled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>7.2Kg/m²</td>
</tr>
<tr>
<td>Light Transmission</td>
<td>83%</td>
</tr>
<tr>
<td>Energy Transmission</td>
<td>84%</td>
</tr>
<tr>
<td>Sound Insulation</td>
<td>29dB</td>
</tr>
<tr>
<td>Solar Reflection</td>
<td>9%</td>
</tr>
<tr>
<td>Solar Absorption</td>
<td>9%</td>
</tr>
<tr>
<td>Direct Solar Transmission</td>
<td>82%</td>
</tr>
</tbody>
</table>

---

### General Notes

**Non Standard Sheet:** None standard sizes and colours are available to order with minimum quantities required, sheets blown free of dust and taped.

**Fire Performance:** Our multiwall polycarbonate sheet has good fire behaviour characteristics, and receives high ratings in several major European fire performance tests. As a thermoplastic, our multiwall polycarbonate will melt under the intense heat of a fire, however, it will make almost no contribution to a fire through flame spread.

**Maximum Service Temperature (without load):** Our multiwall polycarbonate sheet can be installed in a diversity of applications with varying temperatures. The material’s mechanical performance is known to remain stable in prolonged service in temperatures between -40°C up to 120°C.

All technical data is approximate and may vary dependant on the type of polycarbonate.