

# 43 SERIES GLAZING SYSTEM



## SYSTEM: SERIES 43

Designation: Medium Duty Glazing System.

Component Parts: Refer extrusion and component pages.

Maximum Unsupported Span: Refer to 43 Series span chart.

Alloy and Temper: 6063 T5

Minimum Radius: 600mm

## STANDARDS AND TESTING

As each barrel vault or overhead glazed unit manufactured by Spectrum Aluminium is a purpose made special product, we do not undertake to test any units without express chargeable directions from the client. We do however take every care to assemble each structure to comply with NZS 4211:1985A3.

## SURFACE FINISHES

**Powder-coat:** All standard powder-coat colours are available, applied in accordance to WNZ specifications for powder-coating architectural products.

**High Performance Finishes:** We can supply a range of high performance finishes for specialised situations.

**Anodising:** All standard colours from 12 - 25 microns are available, carried out in accordance with WNZ SFA 3503-03:2005.

All surface finishes are applied after the curving process.

## MATERIALS

Screws: Stainless Steel grade 304  $\frac{3}{16}$ " Whit. capscrews.

Gaskets: 'Santoprene' synthetic rubber co-extruded with polypropylene semi rigid backing.

Sealant: Special compound small joint sealant.

Hardware: Aluminium, Stainless Steel or Galvanised Steel brackets and anchors purpose made as required.

## ASSEMBLY

Small barrel vaults up to 4m<sup>2</sup> can be assembled and glazed at the Spectrum Aluminium factory. However most structures are too large for transportation, and we recommend they be ordered in kitset form.

To ensure precise fitting on-site, we pre-assemble complex structures at the Spectrum Aluminium factory, and then disassemble before dispatching to site.

## GLAZING

Extended life polycarbonate and Acrylic sheets: 4.5mm minimum thickness

Twinwall Polycarbonate sheet: All available thicknesses

Mono Glazed: 4.5mm minimum thickness

Double Glazed: Up to 30mm thickness

