

XX XXXX 2013

Ref.: TASXXX/XX

Company: Acol Skylights
Project: Trafficable Roof

GLASS RECOMMENDATION
(Glass design to AS1288-2006 Section 3)

1) Design Assumptions

Assumed wind pressures: 1.39kPa ULS/0.81kPa SLS – to be confirmed
Applied live loading conditions: 1.5kPa & 1.8kN concentrated load as per AS/NZS
1170:2002 Table 3.2 R1

Panel size: 3500 x 800mm

Pitch: < 30 deg.

Support conditions of panel: supported on all sides

2) Glass Recommendation

Glass type: 17.52mm toughened lam

Notes:

- 1 The above recommendation is for information purposes only and not intended for use by members of the public. Should be relied upon by experienced members of the glass and construction industry as general information only and under no circumstances should they be regarded as a substitute for professional advice from competent and skilled advisors on particular applications of any product.
- 2 Laminated glass products must be glazed to protect the interlayer from direct exposure to the elements.
- 3 Heat soak treatment is strongly recommended or is as required by code to toughened glass to minimise the risk of spontaneous breakage due to Nickel Sulphide Inclusions.
- 4 The above recommendation has been calculated for medium-term live loads to support the actions incidental to maintenance based on the glass temperature of about 50 C.
- 5 All toughened and laminated glasses are to be Grade A safety glass.
- 6 Viridian will not provide with design / compliance certificates for the recommendation.

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