

Annexure 9

SHOPFRONT GLAZING CHECKLIST

Shopfront Glazing Checklist

DESIGN CHECKLIST AND INSTALLATION CERTIFICATE

The Tenant is required to engage a suitably qualified Structural Glazing/Façade Engineer to consult, design and document the tenancy shopfront glazing installation. All associated costs including Structural Engineers fees are the responsibility of the Tenant.

In addition to the required Building Permit the Tenant is required to submit structural certification in regard to the shopfront and glazing, confirming compliance with all statutory requirements including the Building Code of Australia & relevant Australian Standards to the Landlord

GLAZING DESIGN SUBMISSION

- Tenant and Tenant's Designer must consult with their nominated Structural Glazing/Façade Engineer to obtain advice in relation to proposed shopfront design at Preliminary Design Stage.
- **In conjunction with The Market Pavilion Fitout Criteria, the Tenant and Tenant's Designer must ensure the following is also integrated;**

Shopfront glazing is to be clear, silicon butt joined, integrating full height glazing panels and recessed glazing channels.

Note; completely flat, glazed shopfronts will not be approved.

Shopfront glazing is to be on lease line. Solid elements or components may protrude forward by max 250mm. A neutral zone of 300mm from each demising inter-tenancy wall is to be maintained however, where the shopfront is to run along lease line.

All structures supporting the glazing must be concealed or form part of the overall shopfront design.

Ratio of glazing to solid components is to be 70% (glazing) to 30% (solid)

Full height glazing fins are not permitted. High level fins may be allowed if they are 2800mm above from floor level. The location of any glazing fins are subject to approval.

- External Shopfronts.

Note that external shopfronts form part of the thermal envelope for the Centre and are required to comply with NCC Section J requirements. Section J requirements for the Centre have been verified via an energy model, with nominal performance requirements for external window systems (including glazed doors) and walls as follows:

- Whole Window System - U-Value $\leq 4.5 \text{ W/m}^2\text{K}$
- Whole Window System – SHGC 0.55 ± 0.05
- Wall – Total R2.8

The Landlord's consultant will access the Tenants fitout design to verify compliance with these Part J requirements and the Tenant is obliged to make any changes to their fitout design to achieve compliance. All costs, including the consultant review(s) and any works will be payable by the Tenant.

All nominated building envelope R-values will be for the system and take thermal bridging impacts into consideration (per NCC 2019)

- Glazing Design Documentation

Structural Glazing/Façade Engineer's complete documentation is to be submitted as part of the Final Drawings submission

- The Structural Glazing/Façade Engineer's design and detailing must specify:

- the shopfront glazing(including thickness, weight & panel sizes)
- the structural support for the glazing and fixing to the base building
- the method of installation of signage, if relevant
- an elevation of the shopfront showing the number of glazing panels, their sizes, support and fixings.

Timing

- The shopfitter must advise their glazier as to the pending order as specified so that the glazing is ready to be delivered and installed according to the fit out programme.

Glazing Certification

- The Structural Glazing/Façade Engineer is required to inspect the installation of the glazing during the construction once the structural supports have been installed. The inspection is to take place while the structural supports are still visible and are not concealed by the ceiling installation or other fit out components.
- On completion of the shopfront installation the Structural Glazing/Façade Engineer is required to make a further inspection and confirm that the shopfront, the fixings, framing and connection to the base building structure are as per the approved design. The Structural Glazing/Facade Engineer is to issue Form of Compliance prior to the trading date. Note; Tenants will not be permitted to open for trade unless all documentation is submitted to Vicinity.

LIST OF SUGGESTED STRUCTURAL GLAZING/FAÇADE ENGINEERS

The Tenant is under no obligation to engage any of the following consultants and is free to use any consultant provided they meet the standards set out in the requirements. You must make your own enquiries and carry out your own negotiations. All applicable fees are the responsibility of the Tenant.

Please be advised that your selected Engineer will be required to submit 'Design and Installation Compliance Certificate for Shopfront Glazing' (Form of Compliance).

Vicinity assumes no responsibility for, and does not guarantee the performance of any of the listed consultants. This list is provided only as a guide.

Arup Façade Engineering

Contact: Rod Veal
Telephone: (03) 9668 5545 / 0413 332 683
E-mail: Rod.Veal@arup.com.au
Facsimile: (03) 9663 1546
Address: Level 17, 1 Nicholson Street, Melbourne, Victoria 3000

Calderone and Associates Pty Ltd

Contact: Ignatius Calderone
Telephone: (03) 9561 1781 / 0409 136 353
E-mail: icalder1@bigpond.net.au
Address: 58 Atheldene Drive, Glen Waverley, VICTORIA 3150

Connell Wagner

Contact: Weng Choong Chan
Telephone: (03) 8683 1391 / 0403 229 727
E-mail: chanw@conwag.com
Address: 60 Albert Road South Melbourne, VICTORIA 3205

David Novak and Associates Pty Ltd

Contact: David Novak
Telephone: (03) 9427 0733 / 0407 526 616
E-mail: david@davidnovak.com.au
Facsimile: (03) 9429 8985
Address: Ground Floor, 1 Allowah Terrace, Richmond, Victoria

Hyder Consulting Pty. Ltd.

Contact: Dominic Li
Telephone: (03) 8623 4162 / 0403 454 199
E-mail: Dominic.Li@hyderconsulting.com
Facsimile : (03) 8623 4111
Address: Level 16, 31 Queen Street, Melbourne, VICTORIA 3000

Meinhardt Façade Technology Pty Ltd

Contact: Chris Drzewucki
E-Mail: chris.drzewucki@meinhardtgroup.com
Telephone: (03) 8676 1200 / 0413 706 784 Facsimile: (03) 8676 1201
Address: Level 12, 501 Swanston Street, Melbourne, VICTORIA 3000

LIST OF SUGGESTED GLAZIERS/INSTALLERS

The Tenant is under no obligation to engage any of the following suppliers. You must make your own enquiries and carry out your own negotiations. All applicable costs are the responsibility of the Tenant.

Vicinity assumes no responsibility for, and does not guarantee the performance of any of the listed supplier. This list is provided only as a guide.

NOTE: To place an order for the glazing, the final dimensions can only be determined once the glazing channels have been installed. The Tenant must ensure that the glazing channels are installed as soon as possible to allow enough time to manufacture and install the glazing.

Bent and Curved Glass (Manufactures curved glass)
257 Milperra Rd, Revesby NSW 2212

Tel: (02) 9773 1022

Peerless Glass (Bent Glass supplier located in Melbourne)
Contact: Adrian 9480 4011

Century Glass
4/ 405 Maroondah Hwy, Ringwood VIC 3134
Tel: 9879 5933

Diamond Valley Glazing
29B Nathan Drive, Campbellfield VIC 3061 Tel: 9469 4973

Dingley Glass Pty Ltd
51 Rhoda St, Dingley Village VIC 3172
Tel: 0411 558 279

Heritage Glass Products (Aust) Pty Ltd
91 Cook Street, Port Melbourne VIC 3207 Tel: 9251 2888

Hills & Mason Pty Ltd
21 Carrington Drive, Albion VIC 3020
Tel: 9363 4411

Stevens Glass (Croydon) Pty Ltd
375 Maroondah Highway, Croydon VIC 3136 Tel: 9726 6488

Viewtech Glass
12 Bate Drive, Braeside VIC 3195
Tel: 9588 1766