

BALUSTRADE GLASS - 15MM TOUGHENED OR RESTAURANTS & BARS COVERING OCCUPANCIES C1, C2 & D
OF TABLE AS/NZS 1170.1:2002 UP TO A MAXIMUM HEIGHT OF 2000MM 16MM TOUGHENED LAMINATE. **EXTERIOR BALUSTRADE** INTERIOR BALUSTRADE LAMINATE INTERLAYER NOT INCLUDED IN GLASS THICKNESS. ABOVE THE TOP FIXING. COMMERCIAL AND OFFICES WITHOUT CROWDING, RETAIL OPTIONAL HANDRAIL WITH OR WITHOUT MAXIMUM POST CENTERS DRAWING OB100/24 REFER OPUS TECHNICAL REFER OPUS TECHNICAL

80

ANCHOR WITH M12 T316 THREADED ROD

(REFER NOTES) 10-150

NOTES

CALCULATIONS ARE BASED ON 25MPA CONCRETE. SUITABILITY IS THE RESPONSIBILITY OF OTHERS AND AN ENGINEERS REPORT IS RECOMMENDED.

ALL FIXING HARDWARE TO BE GRADE 316 STAINLESS STEEL

(REFER NOTES)

OPUS PART# 0487

25 MPa CONCRETE

6

INSTALLATION. PLEASE REFER TO OPUS ORDER FORM OB101/10

THIS POST IS PROTECTED BY NZ DESIGN APPLICATION NO 416723

DRAWING UPDATED 19/05/16 TO INCLUDE NZS 4223.3.2016 REQUIREMENTS DRAWING UPDATED 28/10/16 TO INCLUDE GLASS TYPES

NON- CONSEALED FIXINGS CAN ALSO BE USED FOR TIMBER

PLEASE NOTE

TOP HAT ISOLATION GROMMET

100-150

DURATEC POWDERCOAT OR 25 MICRON ANODISED FINISH IS RECOMMENDED FOR ALL INSTALLATIONS ESPECIALLY WITHIN COASTAL AREAS

- INSTALLATIONS MUST BE IN ACCORDANCE WITH THE INTENT OF THIS DRAWING AND COMPLY WITH NZS 4223.3.2016 REQUIREMENTS ALL PRODUCTS MEETING THEIR PERFORMANCE SPECIFICATION

THIS PROPRIETARY BALUSTRADE SYSTEM HAS BEEN DESIGNED IN CONJUNCTION WITH THE GANZ BALUSTRADE DESIGN TABLE SB-3
AND COMPLIES WITH THE NEW ZEALAND BUILDING CODE CLAUSES B1 STRUCTURAL, B2 DURABILITY, F2 HAZARDOUS BUILDING MATERIALS AND F4 SAFETY FROM FALLING THIRD ADDITION, SUBJECT

THE GANZ TABLE SB-3 ALLOWS A MAXIMUM ULS OF 2.1KPa AND SLS OF 1.5KPa DESIGN WIND PRESSURE FOR THE LOCATION AND IF THE SITE DESIGN WIND PRESSURE EXCEEDS THESE, SPECIFIC DESIGN IS REQUIRED TO DETERMINE THE GLASS THICKNESS.

THE DESIGN HAS BEEN VERIFIED BY AN INDEPENDENT ENGINEERING CONSULTANT AND A PRODUCER STATEMENT PS1 DESIGN IS AVAILABLE

OPUSTM A

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RECOMMENDED FIXING FOR FACE FIX CONCRETE/TIMBER OPUS SEMI - FRAMELESS BALUSTRADE POST OB101 SHOWING

DRAWING NUMBER: OB100/5



OPUS MANUFACTURING LTD 2012

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