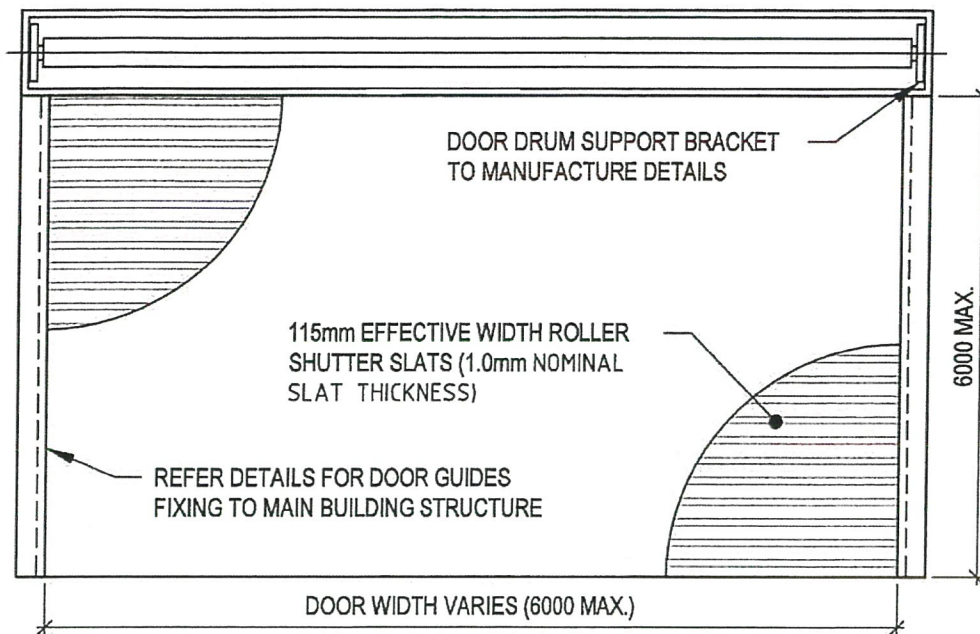


IN ACCORDANCE WITH NCC VOLUME 2 (SECTION P3.10.1), THIS PRODUCT SATISFIES PERFORMANCE REQUIREMENT P2.1.1 FOR CONSTRUCTION IN A HIGH WIND AREA.

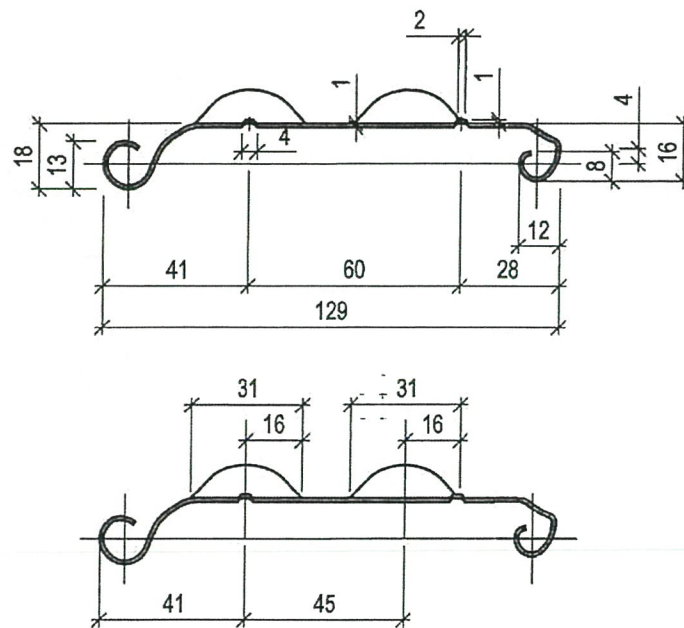
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IN ACCORDANCE WITH NCC VOLUME 2 (SECTION P3.10.1), THIS PRODUCT SATISFIES PERFORMANCE REQUIREMENT P2.1.1 FOR CONSTRUCTION IN A HIGH WIND AREA.



TYPICAL ROLLER SHUTTER ELEVATION (INSIDE VIEW)

SCALE N.T.S.



TYPICAL ROLLER SHUTTER SLAT

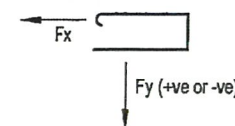
SCALE 1:2

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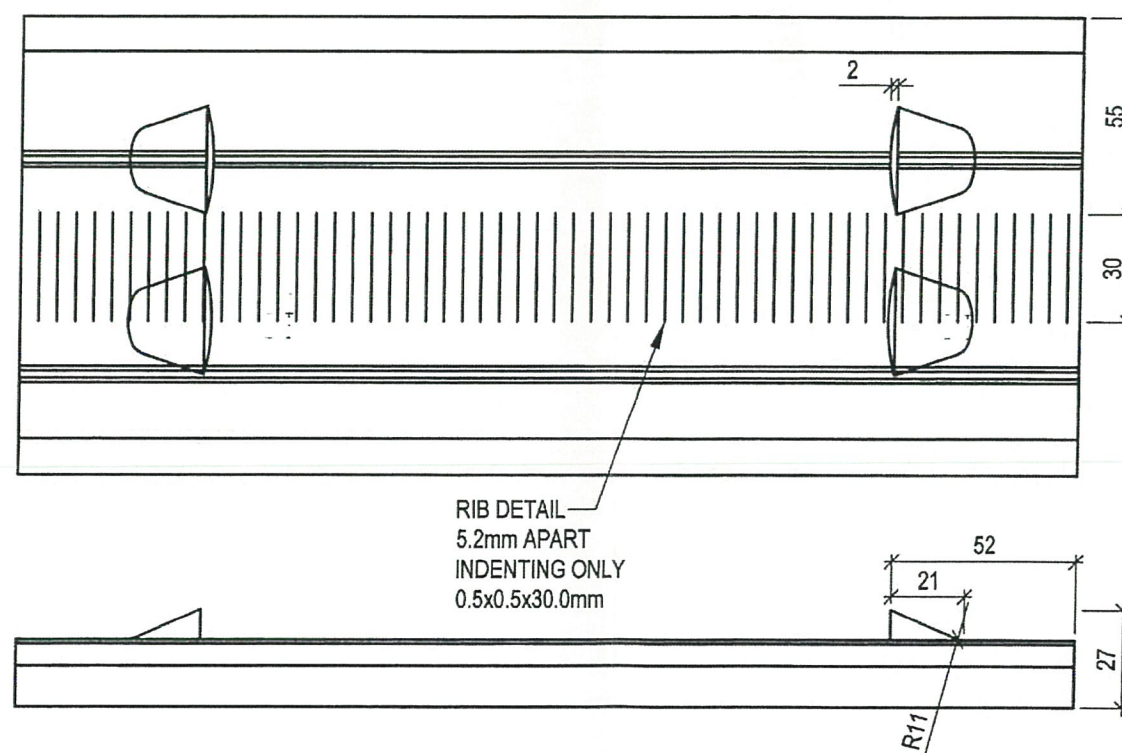
1. APPROXIMATE COVER WIDTH TO SLAT 115mm.
2. SLAT SHALL BE COLD ROLLED FROM 0.95mm BMT G250 Z275 GALVABOND STEEL STRIP.

DOOR GUIDE REACTIONS AND FIXING DETAILS					
DOOR WIDTH (mm)	F _x (kN/m)	F _y (kN/m)	CONCRETE AND BLOCKWORK FIXING	BOLTED TO STEEL	WELDED TO STEEL
2500	NIL	4.2	M12-450	M12-600	HIT 50, MISS 550
3000	8.0	5.1	M12-450	M12-600	HIT 50, MISS 550
3500	16.2	5.9	M12-450	M12-600	HIT 50, MISS 550
4000	23.6	6.7	M12-450	M12-600	HIT 50, MISS 550
4500	27.3	6.8	M12-450	M12-450	HIT 50, MISS 400
5000	33.9	7.6	M12-300	M12-450	HIT 50, MISS 400
5500	40.4	8.4	M12-300	M12-450	HIT 50, MISS 400
6000	47.1	9.1	M12-300	M12-450	HIT 50, MISS 400

1. F_x AND F_y ARE ULTIMATE LIMIT STATE IN-PLANE AND OUT OF PLANE DOOR GUIDE REACTIONS (PER LINEAL METRE) BASED ON C2 WIND LOADS.



2. FOR ANCHOR SPECIFICATIONS REFER TO DOOR GUIDE FIXING DETAILS ON SHEET 2.



Product Name
EZIROLL ROLLER SHUTTER 115 STEEL
1.0mm WITH STANDARD WIND LOCKS

Product Description
ROLLER SHUTTER DOORS
WITH PRESSED WIND LOCKS

Manufacturer's Name
EZIROLL DOORS AUSTRALIA PTY LTD
PH (07) 3260-1080

Design Criteria

1. THE DOORS MEET THE DESIGN WIND PRESSURES SPECIFIED IN TABLE 5-2 OF AS/NZ4505-2012 FOR A C2 WIND CLASSIFICATION.
DOOR WIDTH >4m (+2.92 KPa, -3.04 KPa)
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THESE DESIGN WIND PRESSURES TAKE INTO ACCOUNT LOCAL PRESSURES FOR DOORS LOCATED WITHIN 1200mm OF BUILDING CORNERS AS INDICATED IN SECTION 3.1 OF AS4055-2012.
2. THE INSTALLED ROLLER SHUTTER IMPOSES SIGNIFICANT FORCES ON THE MAIN BUILDING STRUCTURE. THE IMMEDIATE SUPPORTING STRUCTURE MUST BE DESIGNED TO RESIST THE LOADINGS APPLIED AT EACH END OF THE DOOR CURTAIN AS INDICATED IN THE TABLE. THE REACTIONS IN THE TABLE ARE BASED ON THE ULTIMATE DESIGN RESISTANCE OF THE DOOR FOR C2 WIND LOADS.
 - FOR RIGID WALL SYSTEMS SUCH AS REINFORCED CONCRETE MASONRY OR PRECAST CONCRETE PANELS THE IN-PLANE LOADING (F_x) DOES NOT VARY ALONG THE HEIGHT OF THE DOOR.
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3. THE DOORS HAVE BEEN TESTED FOR DEBRIS IMPACT AS INDICATED IN AS/NZS1170.2-2011. REFER JAMES COOK UNIVERSITY TEST REPORT No. TS900.

Limitations

1. 6000mm MAX DOOR HEIGHT
2. 6000mm MAX DOOR WIDTH
3. END FLOATS MUST BE SET AS INDICATED IN TABLE.
4. THE ROLLER SHUTTER INSTALLATION SHALL BE SURFACE TREATED AS REQUIRED IN ORDER TO COMPLY WITH THE DURABILITY REQUIREMENTS OF THE BCA FOR THE ACTUAL SITE EXPOSURE CONDITIONS.
5. PROPRIETARY MASONRY ANCHORS SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION.
6. THIS DRAWING COVERS THE DOOR COMPONENTS ONLY (INCLUDING FIXING TO SUPPORTS). A SEPARATE SECTION 40 CERTIFICATE SHALL BE OBTAINED FOR DOOR JAMBS ETC (I.E. BUILDING SUPPORT STRUCTURE).

Accepted for Inclusion

DTCM ref: M/437/02 SHEET 1 OF 2

Chairman's Signature:

Chairman's Name: Paul Nowland

Date of Approval: 21-06-2019 Expiry Date: 21-06-2024

Notes covering basis of DTC (Relevant test reports etc)
REFER TO NJA CONSULTING REPORT - REFERENCE No. J190162:DMcD

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