

# Hume Doors Solicore DuraXP® Entrance Door

## PRODUCT TECHNICAL STATEMENT

Version 2.0 March 2023



**Designated Building Product:** Class 1.

### Declaration

Hume Doors & Timber (NZ) Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022. See [Regulations](#).

### Company Details

Name	Hume Doors & Timber (NZ) Ltd (Hume Doors).
Role	Manufacturer
NZBN	9429038405341
Address	77 Plunket Ave, Manukau, Auckland 2241
Website	<a href="http://www.doors.co.nz">www.doors.co.nz</a>
Email	<a href="mailto:sales@doors.co.nz">sales@doors.co.nz</a>
Phone	(09) 277 4509

### Description of building product

Hume Doors Solicore DuraXP® Entrance Doors incorporate an H3.1 treated frame (stile & rail), a low density core of particle board with an external skin of DuraXP®. DuraXP® is 3.2 mm HD MDF with a factory applied proprietary water resistant coating. All timber based components are manufactured from FSC certified timber.

The doors are supplied in a range of standard sizes, 1980 x 860 / 910 x 40 mm, with a minimum 810 mm clear opening width, weighing 40 – 45 kg. All entrance doors achieve a minimum STC rating of 29.

Hume Doors can supply the entrance doors routed or moulded to create a different aesthetic.

It is intended that the Solicore DuraXP® Doors are installed with framing requirements to NZS 3604:2011, flashing requirements to E2/AS1, profiles and mouldings applicable to doors to NZS 3610:1979, and painting requirements to AS/NZS 2311:2017.

It is also intended that the doors are installed with a level or sloping threshold and flush sill (maximum change in height of 20 mm), with three hinges and lever-type door handles.

### Building code obligations

The Hume Doors Solicore DuraXP® Entrance Door complies with or contributes to compliance with

Code Clauses	Compliance pathway	Evidence
B1 STRUCTURE B1.3.1, B1.3.2 B1.3.3 (a, b, h, j) B1.3.4	ALTERNATIVE SOLUTION  ACCEPTABLE SOLUTION	Comparison with other doors in the market.  Installation to NZS 3604:2011.
B2 DURABILITY B2.3.1 (b)	ALTERNATIVE SOLUTION	Door is coated with a proprietary moisture resistant paint and then a full paint coating & subsequent maintenance in accordance with AS/NZS 2311:2017. Door stile & rail treated to H3.1
C4 MOVEMENT OF PLACE TO SAFETY C4.3 (a)	ACCEPTABLE SOLUTION	C/AS2 section 3.3 - 3.3.1 (b), - 3.3.2 (a, c).
C5 ACCESS & SAFETY FOR FIREFIGHTING OPERATIONS C5.6(c), C5.8	ACCEPTABLE SOLUTION	C/AS2 section 3.3 - 3.3.1 (b), - 3.3.2 (a, c).

Code Clauses	Compliance pathway	Evidence
D1 ACCESS ROUTES D1.3.1 (b, c) D1.3.4 (f)	ACCEPTABLE SOLUTION	D1/AS1 section 7.0 - 7.0.3.
E2 EXTERNAL MOISTURE E2.3.2	ALTERNATIVE SOLUTION	Door is coated with a proprietary moisture resistant paint and then a full paint coating in accordance with AS/NZS 2311:2017.
E2.3.5 E2.3.7	ACCEPTABLE SOLUTION	Installation in accordance with E2/AS11.
F2 HAZARDOUS BUILDING MATERIALS F2.3.1	ALTERNATIVE SOLUTION	Paint coating & subsequent maintenance in accordance with AS/NZS 2311:2017. Applicable paint coating supplier's MSDS.
H1 Energy efficiency provisions H1.3.1 (a) H1.3.2 E	ALTERNATIVE SOLUTION	R value is 0.44. This meets the requirements for consents issued before May 2023. The law has not changed, compliance still applies.

## Scope of use and limitations

Scope	Limitation
In wind zones up to extra high as defined in NZS 3604:2011 or a permissible design wind pressure of 2.5 kPa.	The door must be sheltered from direct exposure to rain, wind or sun.
In all exposure zones as defined in NZS 3604:2011.	All fixings are to comply with E2/AS1 (table 20 and 24) and table 4, NZS 3604:2011.
In all seismic zones.	
In all climate zones.	

## Building work

In conjunction with a primary structure that complies with the NZ Building Code or where the primary structure is the equivalent stiffness to the framing provisions of NZS 3604:2011.	Where the door is to be installed over lightweight steel framing, a thermal break is required.
As part of the external envelope.	The door must be installed in accordance with E2/AS1. The door must be painted in a colour with an LRV of no less than 50%.
As part of an access or escape route or is a final exit.	There must be no specific fire requirement for the door. The door must be installed in accordance with C/AS2 or specifically fire engineered.
As part of an accessible route.	The door must be installed in accordance with D1/AS1.

## Additional information

For all design, installation and maintenance related information and for information supporting Hume Doors claims refer to [www.doors.co.nz](http://www.doors.co.nz).

## Responsible person

In accordance with Regulation 8, as the responsible person I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

Signed for and on behalf of Hume Doors & Timber (NZ) Ltd

*James Cummins*

James Cummins  
NZ MANAGER

18 January 2023