



NEW ZEALAND | 0800 10 10 28
sales@parkwooddoors.co.nz
parkwooddoors.co.nz
AUSTRALIA | 1800 681 586
sales@parkwooddoors.com.au
parkwooddoors.com.au

PARKWOOD DURAMAX SPECIFICATIONS

Version 2

Date: 4th February 2022

Range: Duramax Composite.

Sub-range: Modern and Traditional Ranges.

Material(s): Fibreglass, foam, and resin.

Finish: Woodgrain emboss or smooth skin.

Warranty: 10 years on door, subject to limitations:

- Parkwood don't recommend dark gloss colours as they can show a slight 'wave' in the door.

Construction

- Fibreglass skin
 - Made from sheet moulding compound.
 - Woodgrain finish doors 2.0mm and smooth skin doors 3.0mm, +/- 0.2mm thickness.
- LVL supporter
 - Each door is constructed using an internal structure supporter manufactured from LVL (Laminated Veneer Lumber).
 - Thickness: 30mm.
- Stile on both sides
 - The stiles are one (1) piece of composite stile.
- Top rail
 - The top rail is one (1) piece of composite.
- Bottom Rail
 - Bottom rail is one (1) pieces of composite.
- Lock Block
 - Lock block is approximately 400mm high, 700mm up from bottom of door to bottom of lock block, on one (1) side as marked on door.
- Glue
 - The glue used to bond the fibreglass door skins to the frames is Urethane Adhesive Resin.
- PU Foam
 - Type: Rigid Polyurethane Foam (2K: Polyol + ISO).
 - Each door is filled with rigid polyurethane foam.
 - PU Foam to a density of $44 \pm 3 \text{ kg/m}^3$ (Overall density).
 - Blowing agent of Polyol is Cyclo-Pentane and Water.
 - Thermal conductivity of PU Foam is below $0.02 \text{ Kcal / m}\cdot\text{h}\cdot^\circ\text{C}$ (ASTM C 518).
 - Ozone destruction index is 0, Global warming index (GWP) is below 0.01.
- Glazing
 - 23mm tempered double glazing (6mm / 13mm air / 6mm).

R-Value: at least 0.60 (calculated as per ISO 10077-1 Third Edition 2017-6).