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PARKWOOD DURAMAX SPECIFICATIONS

Version 1.04

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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 of 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 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 $44 \pm 3 \text{ kg/m}^3$ (Over all 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 / 12mm air / 6mm)

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