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PARKWOOD DURAMAX LITE FTS SPECIFICATIONS

Version 1.4

Date 03/11/20

Range: Duramax Composite

Material(s): GRP/fibreglass, PU foam, LVL and composite PVC/resin

Finish: smooth skin

Door Thickness: 33-35mm

Warranty: 5 years on door

Construction

- GRP/fibreglass Skin
 - Made from sheet moulding compound
 - Smooth skin doors 1.6-2mm skin thickness
- LVL supporter
 - Each door is constructed using an internal structure supporter manufactured from LVL (Laminated Veneer Lumber)
- Stile of both sides
 - The stiles are one (1) piece of composite PVC stile and one (1) piece of LVL
- Top rail
 - The top rail is one (1) piece of composite PVC
- Bottom Rail
 - Bottom rail is one (1) piece of composite PVC
- Lock Block
 - Lock block is approximately 350mm long, 75mm wide, on 1 side as marked on door
- Glue
 - The glue used to bond the fiberglass door skins to the frames is Urethane Adhesive Resin
- Core
 - PU foam

Sound transmission/insulation: STC 25 / Rw 30 / Rw + Ctr 25 (modelled based on standard construction and materials)

R-value: 0.75 calculated as per ISO 10077-1 Third Edition 2017-6

Impact resistance: Test results of a door of similar materials and construction:

- Design pressure: ± 50.0 psf
- Water penetration resistance 7.5psf
- ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4

The FTS Duramax door can be trimmed 10mm in overall height and width (must be even amount off both sides).