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PARKWOOD RESOLUTE 35 SERIES SPECIFICATIONS

Version 1

Date: 10th November 2023

Range: Resolute 35 Series.

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.
- Glazing
 - 6.38mm clear laminate SG.

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

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