

Spence Doors Technical Detail

Xanita® Light-Weight Solid Core Door

Xanita Core Doors, manufactured by Spence Doors, contain a proprietary, upcycled natural cellulose kraft paper, engineered into a closed-cell wafer that's considerably denser and stronger than open-cell expanded paper honeycomb core. At only 70kd/CBM, Xanita core is approximately half the weight of balsa wood, up to five times lighter than blockboard and up to ten times lighter than solid particleboard. It facilitates the manufacturing of extreme-bonded composite panel to be created with outer sandwich skins of MDF, plywood or other engineered wood panels.

Clients receive a door that is sustainably sourced, impact-resistant, easy-to-hang and ergonomically friendlier to open and close with low newton-force - up to 10Nm, for door size of up to 2100 x 970.

Xanita Core doors are ideal for those applications where light weight is an important design factor; such as wide (over-sized) flush panel doors, sliding doors, hospitals and aged care facilities; in internal building environments.



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Benefits

- Less stress on door jambs
- Longer life of hardware such as hinges, closers and sliding tracks
- Less workplace health and safety issues of heavy lifting making it easier for door hangers
- Environmental impact diminished, formaldehyde free core
- Improved acoustic performance over hollow-core doors

Material Details

- Door thickness 40mm
- Face Material MDF (E1 or E0 grade)

Applications

- Internal Environment

Additional Options

- Faces - Veneers, vinyl, laminate and metal clad, Custom (inkjet) printed designs / logos
- Edging - Hardwood timber edge strips, ABS / Acrylic edging
-  Micro-chipped for full chain of custody door ID tracking

Enquiries / to order

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