

RK Doors

Architectural Wood Doors & Frames

SERIES 6000

PB-Paint Backer HB-Hard Board PL-Plastic Laminate FR-Fire rated (up to 20 mins.)

DOOR MANUFACTURING STANDARDS

- Stiles and rails securely bonded to core, then entire unit sanded before laminating to ensure minimal telegraphing of core parts through face
- Face laminates glued to core in hot or cold press, at manufacturer's option
- Generally glued with Type II glue, available with Type I when specified

STILES AND RAILS

- Stiles, edges and substiles combined thickness minimum $1\frac{1}{2}"$ (38.1mm) after trimming
- Top and bottom rails minimum thickness $1\frac{1}{8}"$ (28.5mm)
- May be laminated of 2 pcs. for thickness. Wider stiles and rails available if specified to accommodate special hardware considerations.

PARTICLEBOARD CORE

Formed flat panels consisting of wood particles bonded together with synthetic resins or other added binder, with a minimum density of 28 lbs/ft³. (449 kg/m³.)

MINIMUM STANDARDS OF CONSTRUCTION

Doors shall be produced in accordance with industry standards established by NWMA (National Woodwork Manufacturers Association) and AWMAC (Architectural Wood Manufacturers Association of Canada) and AWI (Architectural Woodwork Institute)

TOLERANCES

- Warp and twist shall not exceed $\frac{1}{4}"$ (6.3mm) after hanging for doors 3'-6" (1066.8mm) in width x 7'-0" (2133.6mm) in height in accordance with AWMAC specified tolerance.
- Telegraphing shall not exceed $\frac{1}{100}"$ (0.254mm) in 3" (76.2mm) span
- Thickness shall not exceed $\pm\frac{1}{16}"$ (1.5mm)
- Hardware tolerance shall be as specified by hardware manufacturer

HANDLING AND INSTALLATION

Those responsible for this work must observe care in the handling, fitting and use of the doors from time of delivery to the job-site, with particular emphasis on the following:

- Doors must be stored flat on a level bed, in an area where the

relative humidity is not lower than 25% or higher than 55%. Doors must not be subjected to extreme heat or cold or fluctuation thereof. When doors are stored covered, ensure light cannot penetrate cover and air can circulate.

- Doors must not be hung until the relative humidity in the building is between 25% and 55%
- Cutouts or openings for lites, louvers, etc., shall not exceed 40% of the door area or half of door height; no openings shall be closer than 5" (127mm) to any edge, or cutout for locksets
- Doors must be given a protective covering finish on all surfaces as soon as they are hung, or within one week of delivery to job-site whichever is the earlier. Bottom and top edges of all doors must be given a further two coats of effective sealer before hanging and this must be renewed after any subsequent fitting. All glass in exterior must be bedded in putty or mastic
- Handle doors wearing clean gloves and do not drop doors across one another or other surfaces
- Doors must be properly hung on three or more butts and must not be wedged open under tension
- Cutouts in plastic laminate and backer doors to accommodate grills, lights or letter slots, etc. should be made as follows:
 - internal angles made with rounded corners
 - edge of laminate face chamfered, filed or sanded free from chips
 - clearance provided for normal movement to permit ease of intended use

NOTE: Failure to comply with these requirements will void warranty

RK reserves the right to alter and change these specifications at any time

Fire, Acoustical, Radiation Shield and Other Specialty Doors

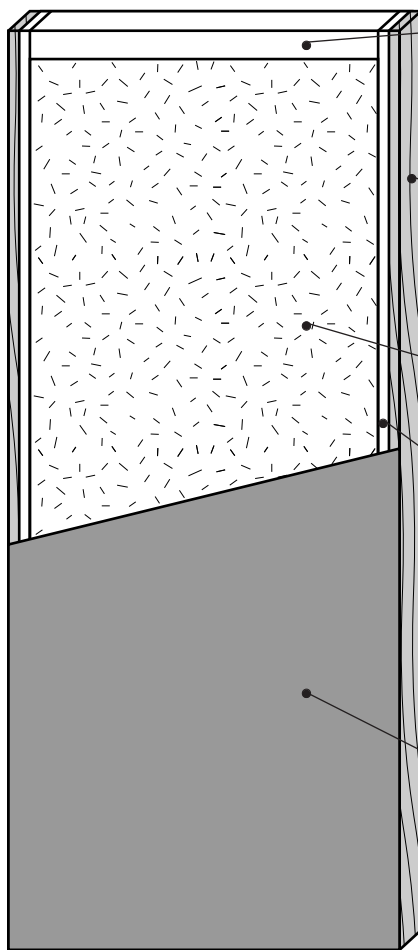
These classifications are designed and constructed for special purposes and are offered with additional specifications and limitations over and above those specified by the RK standard warranty.

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DESCRIPTION

A cost effective high quality 3 ply door for general purpose use. Face finishes are paint or high pressure plastic laminate.



RAILS - single piece of solid wood or structural composite lumber 2-5/8" (66.7mm) before trimming bonded to core.

EDGES - single piece hardwood minimum 7/8" (22mm) before trimming, laminated to stile.

CORE - Solid mat formed particle board, 28 lb/ft³ density (449kg/m³).

STILES - 1-1/8" (28.5mm) [minimum thickness] solid wood or structural composite lumber subtile bonded to core.

CROSS BAND - not required in 601 door.

FACE - Any commercially available high pressure plastic laminate, "backer sheet", or Hardboard for paint finish.

FIRE RATING - Twenty minute Warnock Hersey labelling if specified.

WARRANTY - Three year limited warranty. For interior use only.

SPECIAL APPLICATIONS - Doors may be manufactured to customer requirements to include lites, louvers decorative mouldings, hardware, transom etc.