



Additional test data is available – please see the Supplementary Acoustical Data Charts online or contact your local RPG Sales Representative.

## PRODUCT OVERVIEW

**VariDoor™** is the industry's first variable acoustic cabinet with a hybrid diffusive/absorptive surface outside when closed. When the cabinet doors are opened, RPG's hardwood diffusing FlutterFree solid wood plank on the inside is exposed. The cabinet doors can be positioned and adjusted with a Variable Depth Air Cavity (VDAC™) to alter reverberation time, control flutter echo, and correct low-frequency modal problems. The **VariDoor™** is designed for multi-use recording and rehearsal spaces in which flexibility is paramount.

## SIZING

- Standard Panel: 4' W x 8' L x 6" D (Custom cabinet widths and lengths are available)
- Each panel weighs approx. 10.00 lbs/ft<sup>2</sup>

## FIRE RATING

Fabric panels, solid wood planks and MDF cores can meet Class A (per ASTM E-84)

## FINISH

Wood Veneer is available in natural and engineered wood veneers and laminates with clear lacquer or factory color-matching of wood finishes and paint colors. Standard species include Alder, Anigre, Ash, Birch, Cherry, Mahogany, Maple, Poplar, Red Oak, Walnut and White Oak. Custom species may be available on request.

Interior planks are available in various finishes, including solid woods (Ash, Cherry, Mahogany, Maple, Red Oak, Walnut, White Oak) and painted surfaces. RPG offers clear lacquer or factory color-matching of wood finishes and paint colors.

Fabric panels can be wrapped with RPG reviewed industry standard and custom fabrics. Fabrics with acoustical performance data preferred.

Note: Veneer panels and solid wood planks are available in FSC.

## INSTALLATION

**VariDoor™** cabinets are supplied ready to hang with with RPG-provided integrated cleats.