

## PHYSICAL PERFORMANCE OF PALLADIUM DOORS

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VT Palladium® Doors are available with a variety of core options, including Particle, NAUF Particle, FSC Particle, Structural Composite Lumber, FSC Structural Composite Lumber, Agrifiber, Mineral, and Foam Core.

Because the vinyl cladding is removed during sample preparation, and our door edges do not rely on mechanical fasteners, the performance duty level of Palladium doors are the same as our standard door constructions of the same core type. Specifically, our Palladium doors meet the Extra-Heavy Duty edge performance requirements of the Window & Door Manufacturer's Association test methods for Cycle Slam (TM-7), Hinge Loading (TM-8), and Screw Withdrawal (TM-10). (See Technical Bulletin #420 for a full performance duty-level chart).

In addition to door performance, the PVC and G2 face options available on our rated and nonrated Palladium have been evaluated for Resistance to Chemicals (ASTM D1308), Abrasion Resistance (ASTM D4060), Impact Resistance (ASTM D4226) and Fungal & Bacterial testing (ASTM G21, G22). You can find this test data located on our website.