

Physical Performance of eiDoors®
Information Bulletin 451



Eggers Industries

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Eggers eiDoors® are available with a variety of core options, including Particle, NAUF Particle, FSC Particle, Structural Composite Lumber, FSC Structural Composite Lumber, Stave, FSC Stave, 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 Eggers eiDoors® are the same as our standard door constructions of the same core type. Specifically, our eiDoors 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 Eggers Information 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 non-rated eiDoors have been evaluated for Resistance to Chemicals (ASTM D1308), Abrasion Resistance (ASTM D4060), Impact Resistance (ASTM D4226) and Fungal & Bacterial testing (ASTM G21, G22). Please find this test data located on our website at:

<http://www.eggersindustries.com/TechnicalInformation/eiDOOR®.aspx>.



**Stile & Rail Doors, Door Frames,
Plywood, Veneered Components**

Two Rivers Division
One Eggers Drive
Two Rivers, WI 54241
Phone: 920.793.1351
Fax: 920.793.2958

www.eggersindustries.com

Flush Doors

Neenah Division
164 North Lake Street
Neenah, WI 54956
Phone: 920.722.6444
Fax: 920.722.0357

email: sales@eggersindustries.com