

NEW ENGLAND BUILDING COMPONENTS

# NEBC TECHNICAL NEWS

FOR ARCHITECTS & SPECIFIERS

COVERING IMPORTANT TOPICS AFFECTING DOORS & ASSOCIATED COMPONENTS

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## Avoid Surprises When Specifying Architectural Wood Doors

- IF you specify concealed vertical rod exit devices in wood doors; expect the door manufacturer to require unattractive 5” wide metal channels to cover the door edge. Concealed vertical rods require a significant rout in wood door edges; the metal channels reinforce the door edge and cover any cracks that may occur. By the way – the channels can be wrapped with wood veneer, but they rarely match the door faces.
- MANY wood species contain dark heartwood and light sapwood. If you don’t clearly specify that you only want to use the lighter wood in your veneers, you will receive doors that have an unlimited mix of dark and light areas. The correct terminology for specifying all light colored veneer is “select white”; this applies to maple, birch and ash in particular.
- “BARBER POLING” is a natural occurrence when book matched veneer assembly is specified. This phenomenon is merely a reflection of light off of the cell surfaces, it is not a defect.
- IF you have a Project that is truly high end and (in particular) has a significant amount of high end millwork, you should specify AWI 5ply, hot pressed Premium Grade doors with a solvent based finish of catalyzed lacquer or catalyzed conversion varnish. Select and specify a sheen level that will match the millwork.

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