

HARMONY HOUSE

Burnaby, British Columbia | Products: NAUF Vertical Grain Fir Flush Interior Doors

When designer Chris Mattock calls a project the **Harmony House**, he's referring to the structure and natural environment working in harmony. Or, potentially more accurately, the home assisting the natural environment. As the first zero-carbon home—it emits no greenhouse gases from heating, cooling hot water and the use of electrical appliances—built in British Columbia, the Burnaby, British Columbia, Harmony House had folks in Canada and across the world taking notice of a home that produced more energy than it consumed. (The home creates energy from the solar panels on the roof.)

The two-story, 4,714-square-foot home wasn't just some small-scale experiment of **net-zero**, rather a grand exhibit of building in an established community with a flexible design that had potential to provide two housing units and even an in-home office. With so much space to cover, Mattock's Habitat Design + Consulting had to stay diligent with both design and material

selection. The project includes low-toxicity interior finishes, materials with recycled content, foam insulations using non-ozone depleting expanding agents, water conservation and rainwater harvesting. All decisions were designed to lower the environmental impact of the home, conserve natural resources and create a healthy indoor environment for any living or visiting the home.

With every design and material decision paramount in the goals of the home, Lynden Door contributed to the process by offering its no-added-urea-formaldehyde vertical grain fir flush interior door. Not only do the doors offer the healthy low-chemical needs of the everyday living, but also the natural fir and aesthetics of the doors in the two-story home built for privacy and serenity match the sustainable and environmental desires of the designer.

From interior doors to rainwater-fed landscaping, the entirety of Mattock's creation works in harmony. Harmony

with materials. Harmony with nature. Harmony with a plan

Wood Veneer Doors

Wood veneers look rich and lustrous with a Lynden Door factory applied transparent urethane finish. A great choice, as it adds durability and seals the door, all six sides. Clear coated doors lend a unique European flair to painted jambs and casings - an eclectic look that works in equally well traditional or modernist decor.



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