

## Frame:

Raydoor's frames are made using MDF composite wood panels and are among the greenest building materials available to consumers. They are produced from pre- and post-consumer recycled wood and wood residuals that would otherwise be wasted or end up in landfills, making exceptional use of valuable wood resources. They take less energy to make than other building materials and produce fewer harmful by-products. And, they can be reused or left to biodegrade naturally when their service life is done. Furthermore, Raydoor laminate wrapped frames have our unique "5-side wrap" which greatly reduces emissions of indoor air pollutants.

MDF used in select Raydoor laminate frames have the following standard criteria:

- made at plants certified as meeting the rigorous requirements of the CPA EPPS 2-06 environmental certification program, the most widely-specified environmental certification program for composite wood products in North America:
    - It is the only environmental certification program that has achieved ANSI accreditation
    - Requires use of 100% recycled or recovered wood fiber
    - Requires 0.2 ppm or lower formaldehyde emissions
    - Requires ongoing participant testing of formaldehyde emissions
    - Requires monthly audits to verify recycled content, formaldehyde emissions, and adherence to QC procedures that meet ASTM protocol
    - Requires quarterly submission of samples for large chamber testing by accredited third party
- So when you specify and purchase EPP Downstream products, you can rest assured knowing that those products are manufactured to the highest environmental and quality standards.

\* further green specifications can be met upon request such as:

- if veneer frame, can opt for mdf without added formaldehyde
- if veneer frame, can opt for FSC certified veneer
- if veneer frame, can opt for low VOC clear coat
- if laminate frame, can opt for mdf without added formaldehyde and polyester laminate

## Core/Translucent layer:

The standard translucent acrylic provided with Raydoor products is manufactured by environmentally conscious companies like CYRO, llc. Environmental highlights of the product include:

- Produced in Maine, under 500 miles from Raydoors assembly facility in Brooklyn NY.
- acrylic is recyclable after use.
- acrylic does not contain BPA, plasticizers or formaldehyde.
- can opt for extruded acrylic containing average of 20% pre-consumer reclaimed acrylic.
- can opt for PETG core containing 50% recycled content, which is also recyclable after use.
- Production plants for acrylic are ISO 14001 certified, meeting strictest standards.
- LEED Credits for acrylic:
  - LEED for Retail Environmental Quality (EQ) Credit 4: Low-Emitting Materials Option E. Furniture
  - LEED for New Construction Materials and Resources (MR) Credit 5.1 Regional Materials—10% extracted, processed & manufactured regionally.

## Sliding track hardware:

All Raydoor sliding systems use all aluminum tracks regardless of system type, which is 100% recyclable after use.