

SLAB DOOR ARCHITECTURAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Technical category	Standard / Specification
Door Thickness:	5/8"
Core Construction:	Composite real wood panels with 100% pre-consumer recycled content, Eco-Certified by the Composite Panel Association.
Face and Back:	Top and bottom of panel covered in decorative surface with wood prints or solid colors <ul style="list-style-type: none">Melamine saturated laminate permanently adhered to core by thermofusion process Or <ul style="list-style-type: none">Waterproof film glued to surface with heat and water-resistant thermoset glues. Glue must not reactivate or release at high temperatures.
Edges:	All edges are covered with thermoplastic composite materials adhered with heat and water-resistant thermoset glues. Glue must not reactivate or release at high temperatures.
Emissions:	CARB II Compliant (California Air Resources Board), meeting the highest governmental standard for product emissions.
Environmental Sustainability:	Contribute to both LEED and National Green Building Standard credits

PERFORMANCE REQUIREMENTS

Performance category	Standard / Specification
Heat Resistance:	Resist damage from heat sources including dishwashers, ranges, and self-cleaning ovens Cabinet doors shall be unaffected by exposure to 212 degrees Fahrenheit (100C) for a period of 4 hours. DIN 68861/7
Water Resistance:	Resist damage from steam, splashed water, condensation, and ordinary kitchen use. Door surface finish material shall have permanent, 100% water holdout.
Stability and Warp Resistance	Doors shall be balanced, with identical materials on front and back.
Lightfastness:	No fading or yellowing from exposure to light, after test simulating 10 years of direct sunlight, 8 hours per day. Color change (delta E) shall be <1.0 when door surface is exposed to 200 hours of Xenon arc light in conditions of accelerated weathering per IOS 4892-2:2013 test procedure. DIN EN 105 B 02
Chemical Resistance:	Meet the requirements of 1C DIN 68861/1

