



Case Study: Residential

Natoma Loft

Industry:
Residential

Location:
San Francisco, CA

Architect:
Cheng

Now Your Cooking!

This beautifully designed kitchen features Natural Flat Grain as the star for the cabinetry.



Materials Used:



Natural Flat Grain
Bamboo Plywood
BP-4896N-NAUF / FSC



Specifications

Possible LEED Credits:

Low emitting materials and certified wood



Physical / Mechanical Properties - Flat Grain plywood

| | |
|--|---|
| Dimensions: | 3/4" x 48" x 96" 19mm x 1219mm x 2438mm (*mm tolerance +/- .5mm thickness) |
| Construction: | Three-ply, cross core construction. |
| Working with Plyboo: | A worksheet is provided with each panel containing useful tips and information and is also available on our website at plyboo.com/downloads . |
| ASTM E84: Surface Burning | Class C |
| ASTM D1037: Dimensional Stability | <ul style="list-style-type: none"> • Linear Expansion (3-ply): Parallel -0.04% / Perpendicular -0.07% • Thickness Swell (3-ply): -0.13% Screw Hold (3-ply) (face/back/edge) <ul style="list-style-type: none"> • 742 lbs/ 831 lbs/ 860 lbs average |
| ASTM D4442: Moisture Content | 6-9% average |
| ASTM D 6007-02: Formaldehyde Concentration in Air from Wood Products, small chamber test | Plyboo = 0.004 ppm (surpasses CARB II standards, 0.05ppm & ULEF standards of 0.04ppm) |