



THE HEMP ABODE

BUILT TO BREATHE. BUILT TO LAST.

MOLD & MILDEW RESISTANCE

HEMPICTURE + BOARDWORKS +
CUSTOM MINERAL SYSTEM

Our wall assemblies use natural, vapor-permeable materials that resist mold & mildew by design—supporting indoor air quality, long-term durability, and a healthier home.

HEMPICTURE HEMPWOOL® HEMP INSULATION BATTS



- ✓ Mold-resistant by design
- ✓ Vapor permeable
- ✓ Stores & releases moisture
- ✓ Naturally pest resistant
- ✓ Maintains R-value when damp

HEMPICTURE PLANTPANEL X HEMP RIGID INSULATION



- ✓ Exceptionally vapor permeable
- ✓ Dimensionally stable
- ✓ Rainscreen & exterior approved
- ✓ Resistant to compression
- ✓ Natural & non-toxic

BOARDWORKS® HEMP COMPOSITE PANELS STRUCTURAL SHEATHING



- ✓ Hemp shiv + binder (formaldehyde-free)
- ✓ Mold & mildew resistant
- ✓ Dimensionally stable
- ✓ Breathable & durable
- ✓ Excellent fastener holding
- ✓ Naturally non-toxic

CUSTOM MINERAL SILICATE FINISH INTERIOR & EXTERIOR



- ✓ Highly alkaline (pH > 11)
- ✓ Naturally inhibits mold
- ✓ Vapor permeable
- ✓ UV stable & non-toxic
- ✓ Clay added for a soft, natural finish
- ✓ Long-lasting beauty



MOLD RESISTANCE BY DESIGN

These natural materials do not support mold growth when properly installed in a vapor-open assembly that is detailed to drain, dry, and breathe in both directions.



VAPOR OPEN



DRIES BOTH DIRECTIONS



REDUCES RISK OF MOLD

VAPOR OPEN WALL ASSEMBLY DESIGNED TO DRY & LAST

A breathable wall assembly that allows moisture to move, buffer, and dry in both directions—reducing conditions that lead to mold & mildew.

- 1 Mineral Silicate Plaster Finish (Exterior)
- 2 Hemp Composite Panel (Exterior Sheathing)
- 3 1" Hemp Rigid Insulation Panel (Exterior)
- 4 4x6 Post and Beam Framing
- 5 3.5" Hemp Wool Insulation Batt
- 6 1" Hemp Rigid Insulation Panel (Interior)
- 7 Hemp Composite Panel (Interior Sheathing)
- 8 Mineral Silicate Plaster Finish (Interior)

HEMP WALL PANEL ASSEMBLY (Outside to Inside)



WHY THIS MATTERS

- ✓ Lower risk of mold & mildew
- ✓ Healthier indoor air
- ✓ Moisture buffering
- ✓ Long-term durability
- ✓ Low embodied carbon
- ✓ Naturally non-toxic

THE KEY IS DESIGN + DETAIL

- ✓ Keep water out
- ✓ Allow drying to the outside
- ✓ Use vapor-open materials
- ✓ Maintain good ventilation
- ✓ Inspect & maintain

IMPORTANT NOTE

No building material is "mold proof." If any material is exposed to persistent liquid water, high humidity, or trapped moisture, mold can grow.



THE HEMP ABODE
HEALTHY. NATURAL. RESILIENT.

We build high-performance, low-toxicity homes that work in harmony with nature—supporting your health and the planet for generations.

thehempabode.com

NATURAL MATERIALS.
BETTER BUILDINGS.
STRONGER FUTURE.

