

Straw Bale Walls

New Frameworks build prefabricated structural straw panels. The wheat straw is locally sourced from a certified organic farm by NOFA-VT and densely packed at 9lbs/cu.ft. A clay/lime plaster as interior air barrier is a preferable solution. Different air sealing methods can be applied to exteriors, opt for plywood or other options free from petrochemicals. The R-Value is 1.8/inch.

Note: clay/lime is a direct surface protection of the straw; the plywood currently used contains phenolic resin. Consult the substantial research New Frameworks has done.



| CATEGORY | MANUFACTURER |
|-------------------|----------------|
| Wall Panel, Straw | New Frameworks |

MATERIAL COMPOSITION*

Wheat Straw, CDX plywood

**as reported by the manufacturer*

- CERTIFICATIONS & DISCLOSURES
- ☐ ~~Health Product Declaration (HPD)~~
 - ☐ ~~Declare Label~~
 - ☐ ~~Environmental Product Declaration (EPD)~~
 - ☐ ~~Safety Data Sheet (SDS)~~
 - ☐ ~~USDA Certified Biobased Product Label~~
 - ☐ ~~Other~~

LAST UPDATED

April 26, 2024