

# Nature fibre's Natur-Chanv/Hemp insulation with exterior and wall structure and wood frame

1. Exterior cladding (wood, steel, vinyl, bricks and others)
2. Horizontal timber slat (furring) or air space if masonry brick
3. The AEROPLUS rainscreen is the solution for a breathable protection of vertical walls behind cladding, especially in wood frame construction. Its mode of operation is similar to a roof underlayment screens.

- High water vapor permeability
- Perfect watertightness

4. Wood fiber board. We suggest Sono Climat Eco4 or Steico
5. Wood timber
6. Hemp insulation «Natur-Chanv-Hemp»

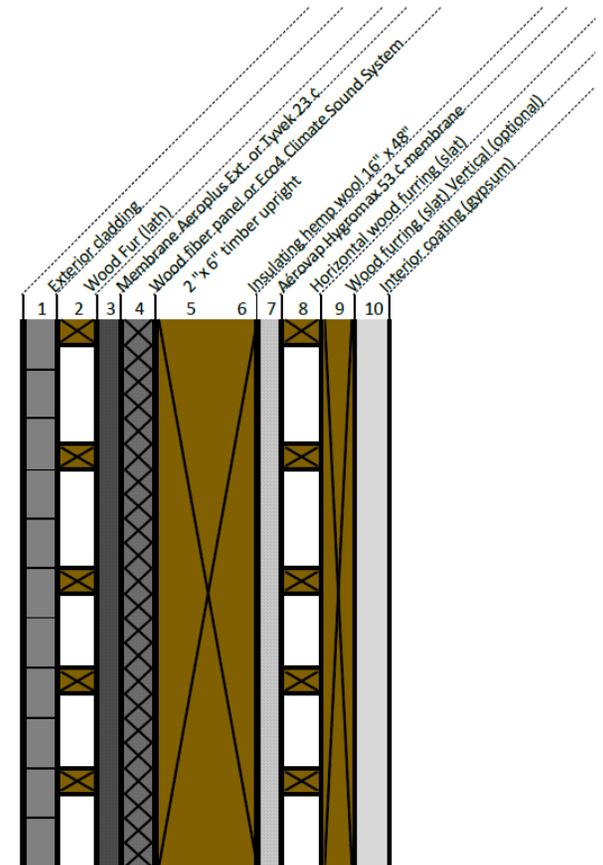
Humidity control. Cooler in summer/warmer in winter. Anti-rodent and harmful. R-3.7 insulation per inch of thickness. Naturally sound-absorbing. Comfortable installation. Sustainable building. Zero carbon. Natural product. VOC free. Non-allergenic.

7. AEROVAP HYGROMAX is an humidity-regulating airtightness membrane whose vapor permeability varies with relative humidity.

IN WINTER, when it's hot inside and outside, water vapor can flow from the inside to the outside. Relative humidity is generally quite low in winter. The polyethylene copolymer film closes on the diffusion of water vapor, thus acting as a vapor barrier. This phenomenon ensures an almost non-existent transmission of water vapor in the insulating structure during the cold season and thus avoids the risk of condensation.

IN SUMMER, water vapor usually comes from outdoors to indoors and the relative humidity of the air is high both indoors and outdoors. The polyethylene copolymer film then opens and water vapor can flow from the outside to the inside as the film becomes permeable to water vapor.

Hemp insulation for all-season confort



8. Horizontal timber slat (furring)
9. **OPTIONAL:** Vertical lath (furrure) to facilitate the passage of electricity and pumbing
10. Interior coating (gypsum, wood and others)

