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+ «Une architecture au fil de l'eau»

LE BOIS

UN MATÉRIAU VIVANT



+ Pine cone, water reaction



+ PLUSIEURS ESSENCES. DIVERSES RÉACTIONS

Épinette

Cèdre

Douglas

Mélèze

Séquoia

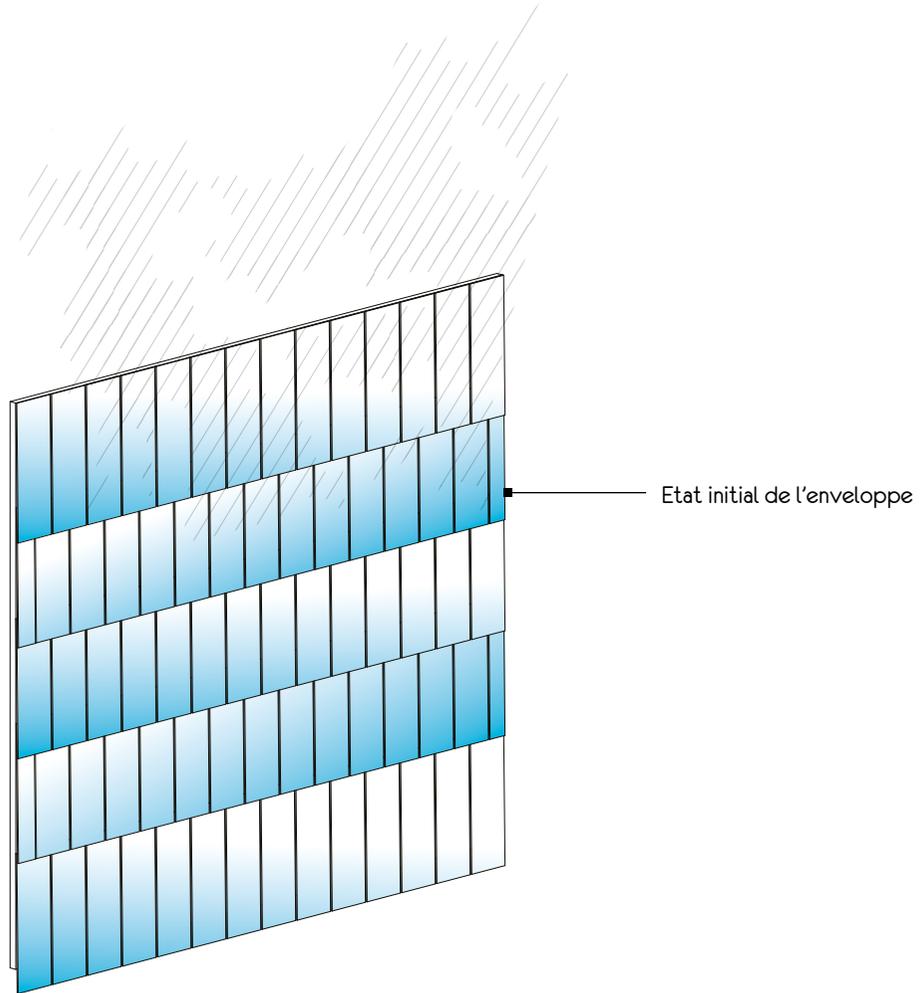


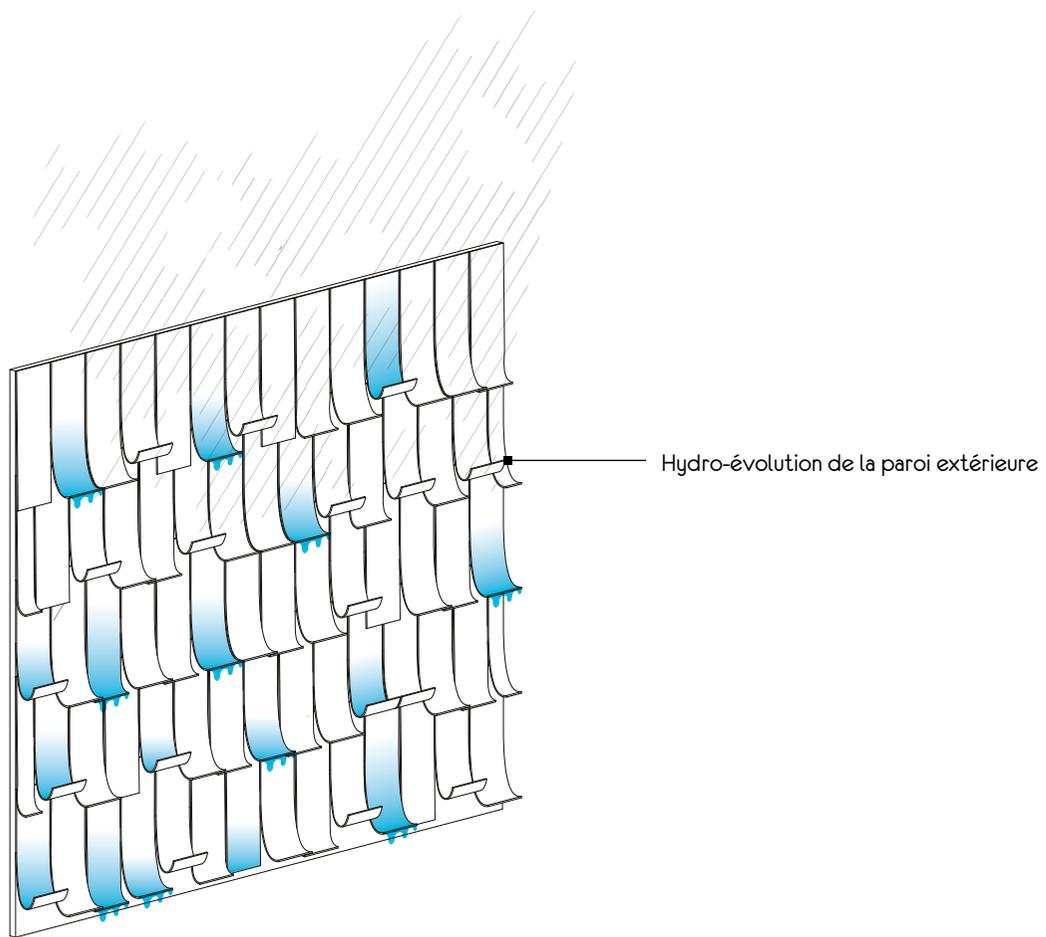


+ Vieillesse et dégradation d'une enveloppe classique



+ Raspberry Fields, Jason Payne





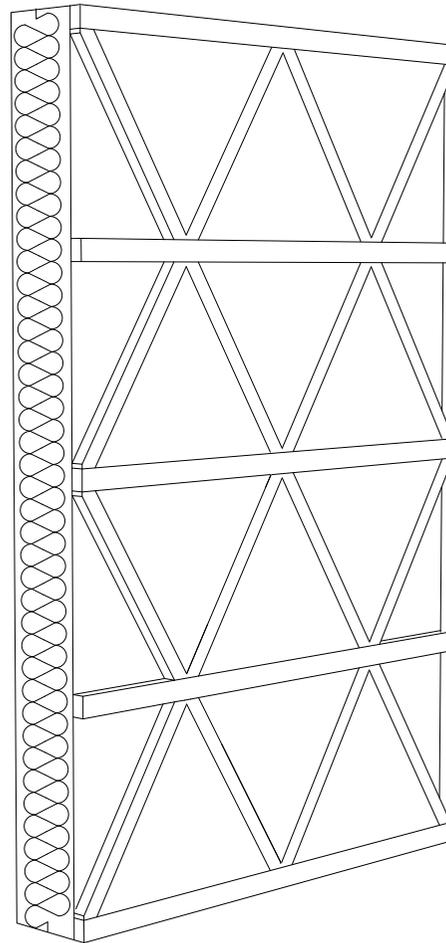


+ ÉVAPORATION



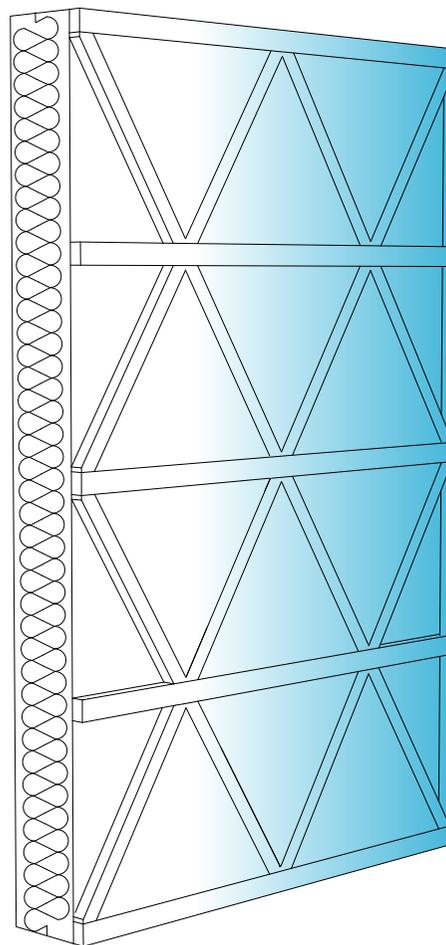
+ HygroSkin : Meteorosensitive pavilion, Achim Menges

+ Une paroi hydrosensible



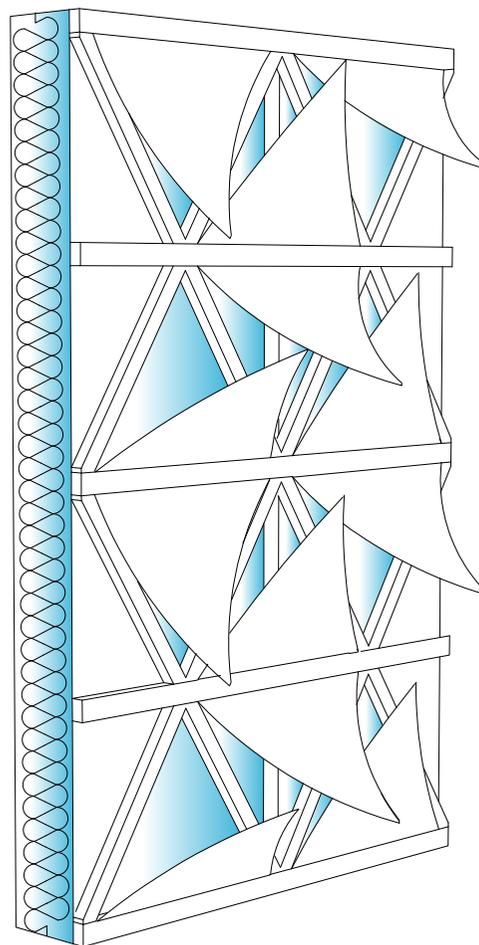
■ ——— Environnement sec

+ Une paroi hydrosensible



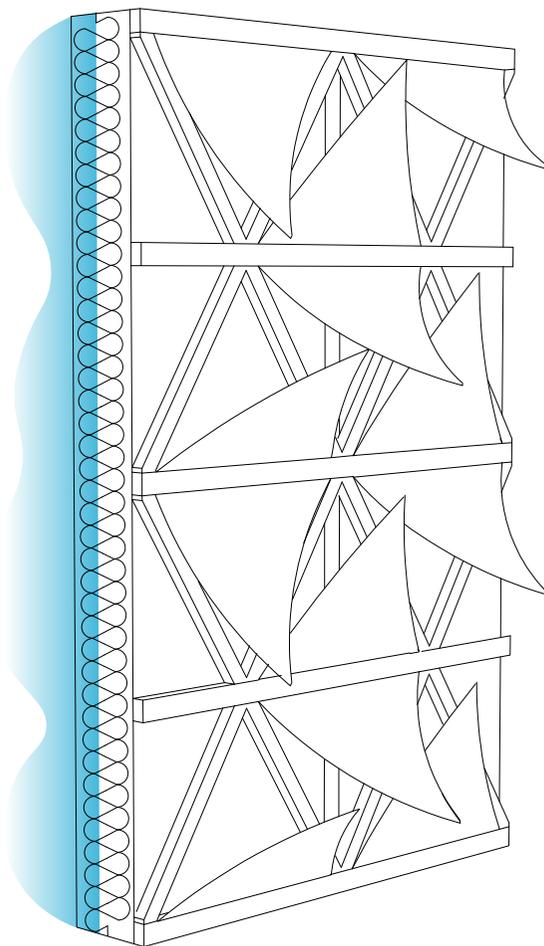
■ ————— Dégagement d'humidité

+ Une paroi hydrosensible



■ ——— Hydrorégulation

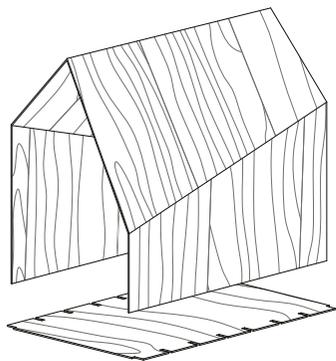
+ Une paroi hydrosensible



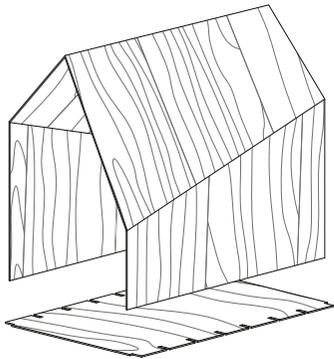
■ ——— Extraction naturel de la vapeur d'eau



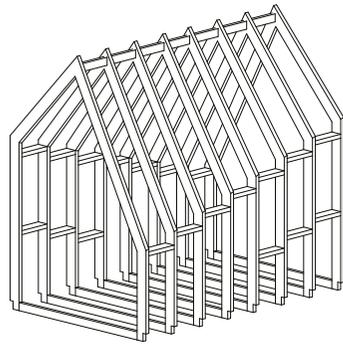
+ ÉVAPORATION



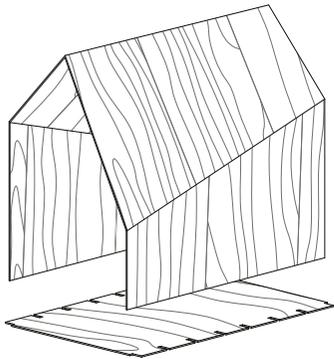
Une paroi hydrosensible



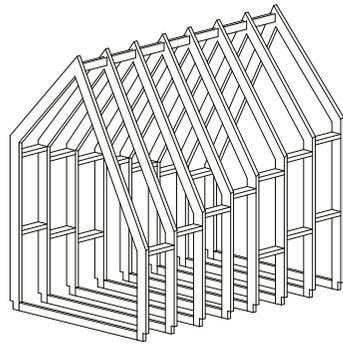
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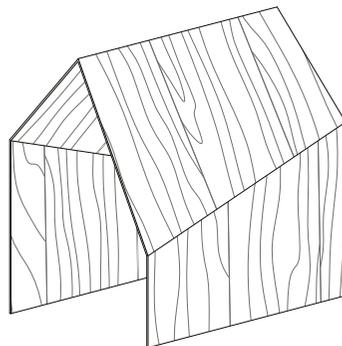
Une structure en portique



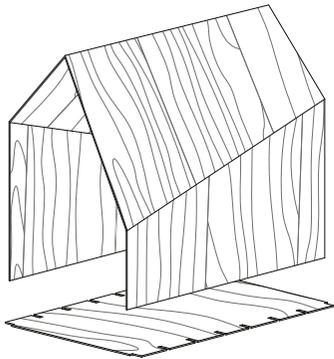
Une paroi hydrosensible



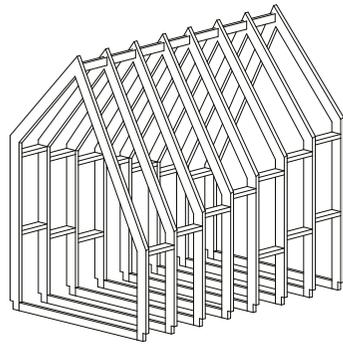
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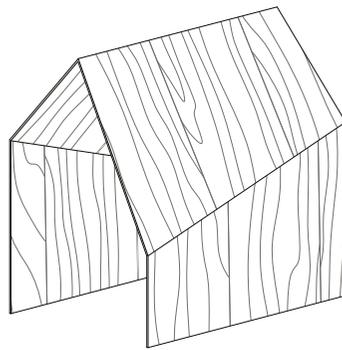
Une paroi en fibre de bois ciré



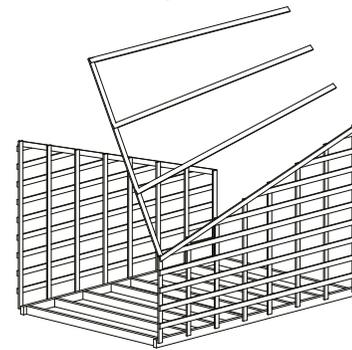
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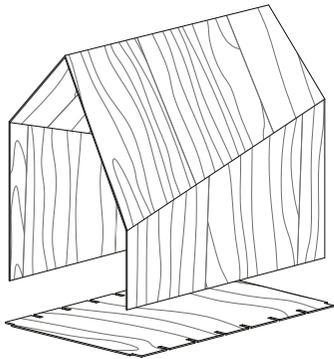
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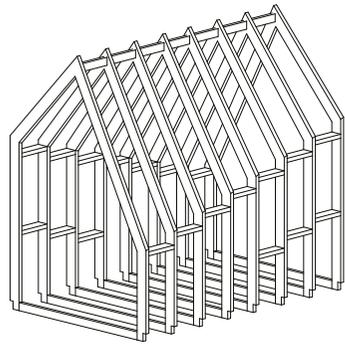
Une paroi en fibre de bois ciré



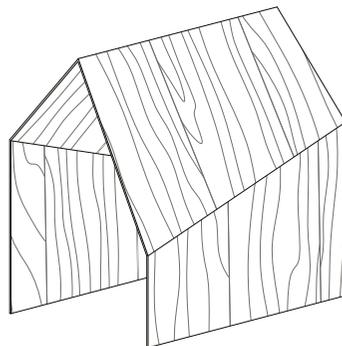
Fourrures



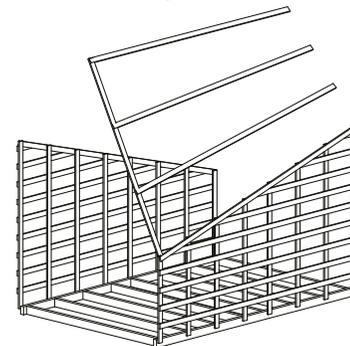
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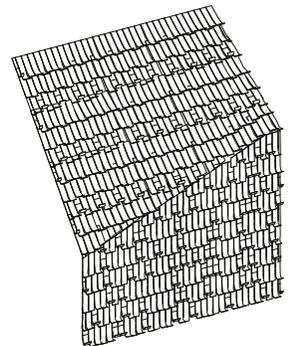
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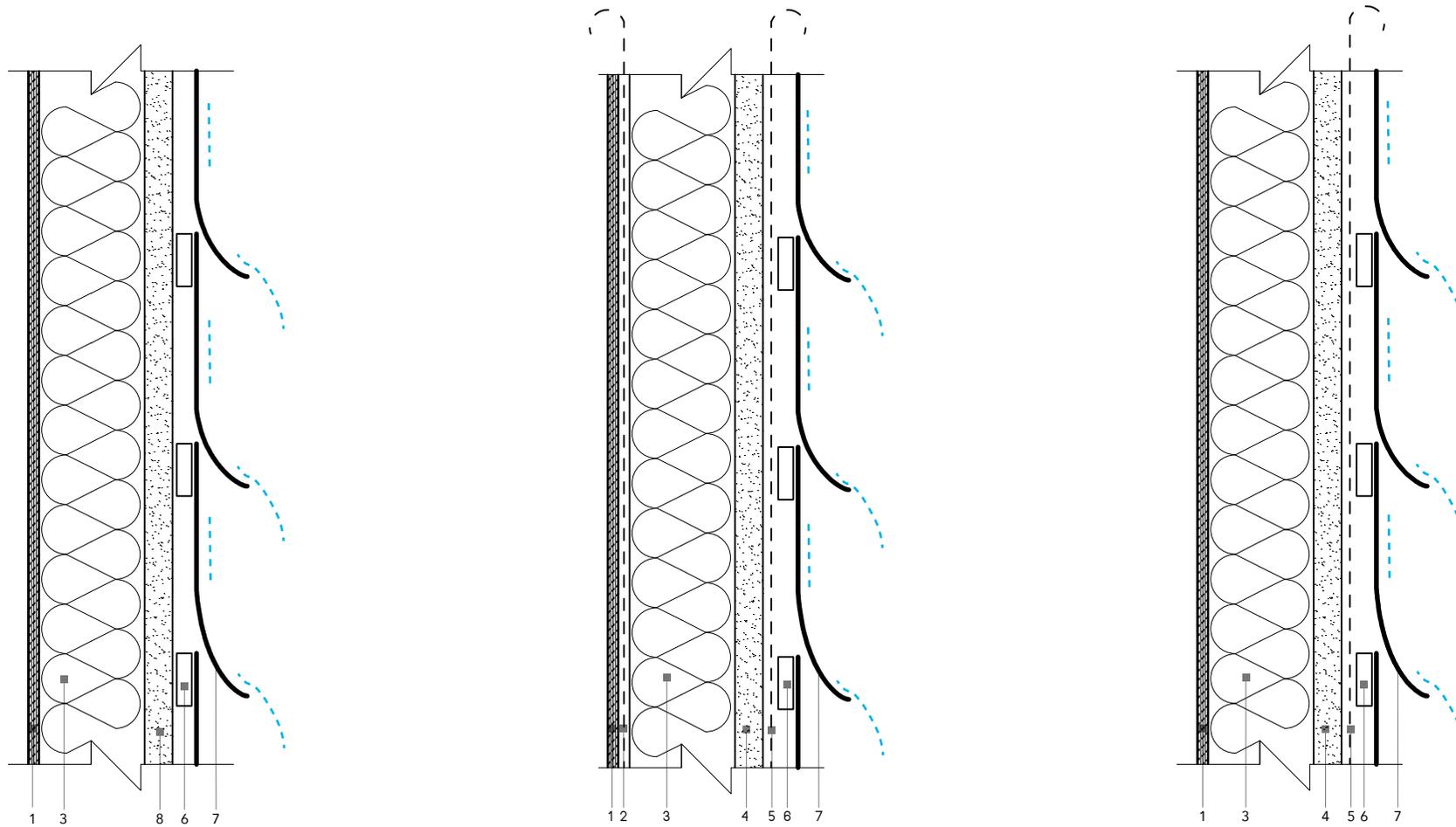
Une paroi en fibre de bois ciré



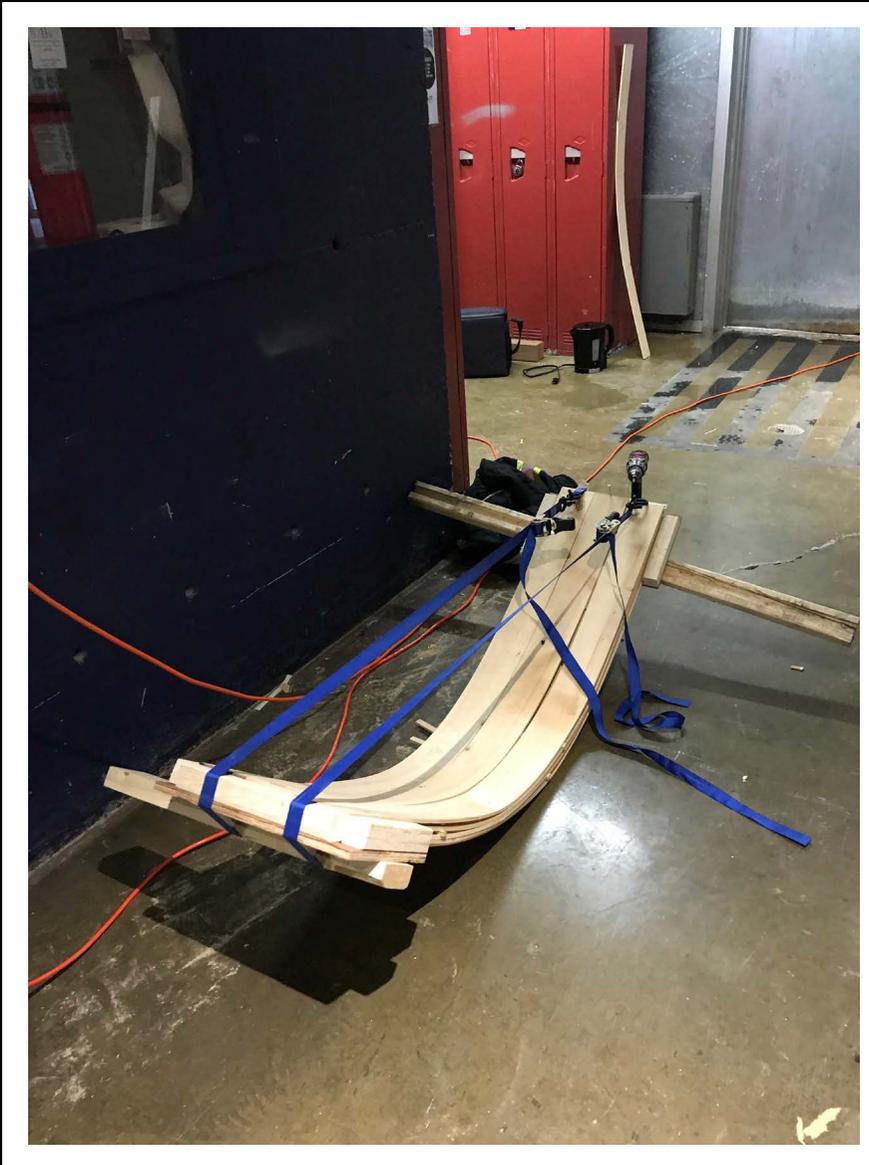
Fourrures



Un revêtement évolutif



1. Contreplaqué russe avec insertion de feuilles de pin minces
2. Membrane frein-vapeur
3. Colombage de bois et isolant en laine de chanvre
4. Panneau de fibre de bois
5. Membrane pare-air
6. Fourrures de bois
7. Bardeaux de bois
8. Panneau de fibre de bois recouvert de cire



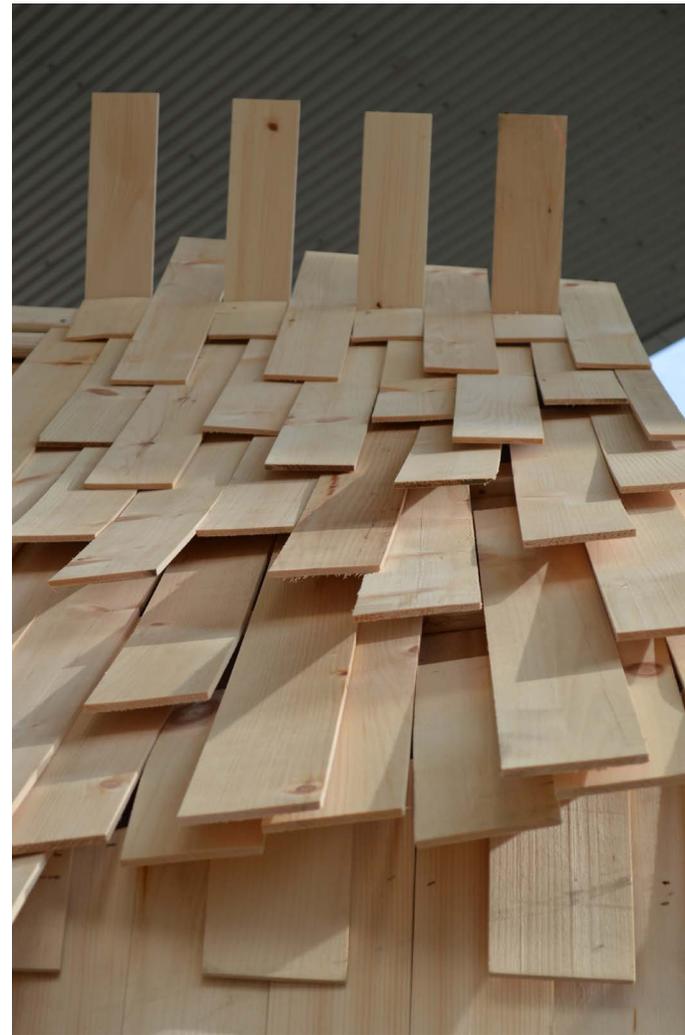
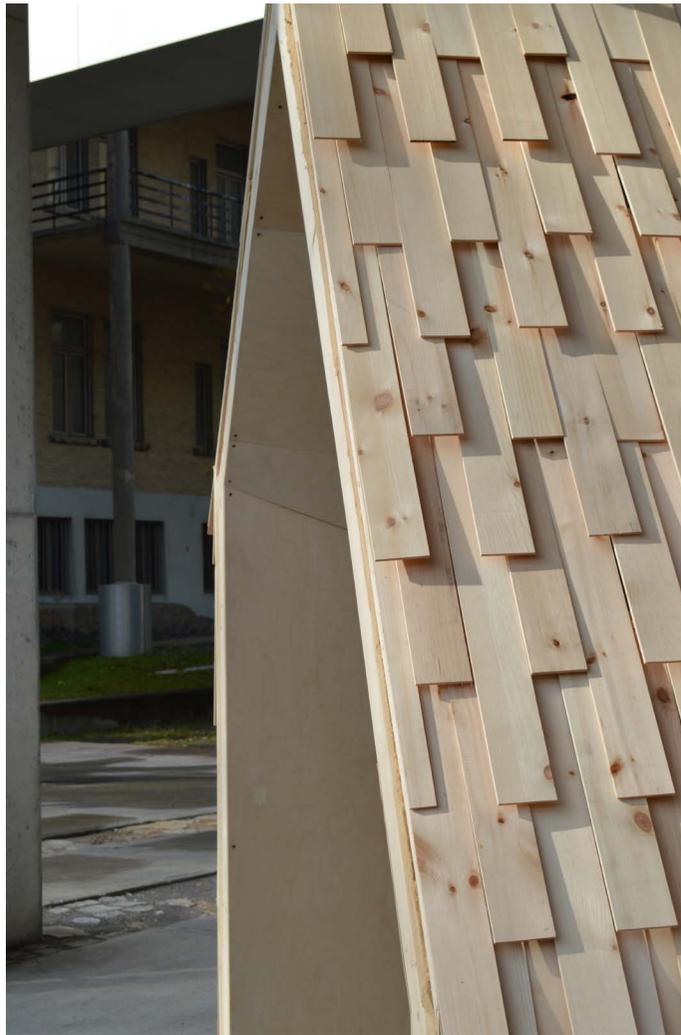
+ Un travail de recherche sur la courbure du bois



+ Le projet Évaporation



+ Le projet Évaporation



+ Le projet Évaporation