

# LAPRISE WALL

MORE EFFICIENT AND ECOLOGICAL THAN EVER

## 1 HIGH PRECISION PRE-ENGINEERED WALL SYSTEM

Factory-assembled walls in an optimized, automated and controlled environment which ensures superior quality, strength and precision. The advanced level of prefabrication allows for greater speed and efficiency during site installation.

OPTIONAL: Studs in 2"x6" positioned at 16" c-c.

OPTIONAL: Studs in 2"x8" positioned at 16" c-c.

## 2 HIGH PERFORMANCE INSULATION

5 1/2" rock wool insulation factory-installed in the walls provides thermal comfort and significant energy savings. Factory-installed polythene protection to safeguard insulating wool.

OPTIONAL: Rock wool 5 1/2 inch thick

OPTIONAL: Rock wool 7 1/2 inch thick

## 3 ANTI-THERMAL BRIDGE EXTERIOR CONTINUOUS INSULATION

Rigid 1.5" continuous anti-thermal bridge and weather barrier insulation factory-installed covering the entire surface of the exterior walls (including the junction between the wall and the top plate and the floor junction) for maximum airtightness and waterproofing.

## 4 SEALED JOINTS

High-performance acoustic sealant under wall bottom plate as well as at the floor/ceiling junction to prevent air and humidity infiltration with a view to maximize waterproofing.

## 5 SEALING OF ALL OPENINGS

Factory-installed waterproofing membrane to seal the perimeter of the windows to further protect against bad weather and infiltrations.

## 6 SOLID ANTI-TORSION PLYWOOD

Continuous 1/2" thick plywood covering the entire surface of the exterior walls as well as the junction between the wall and the top plate ensuring structural stability and resistance as well as optimal bracing.

## 7 DOUBLE LATHING AND VAPOR BARRIER

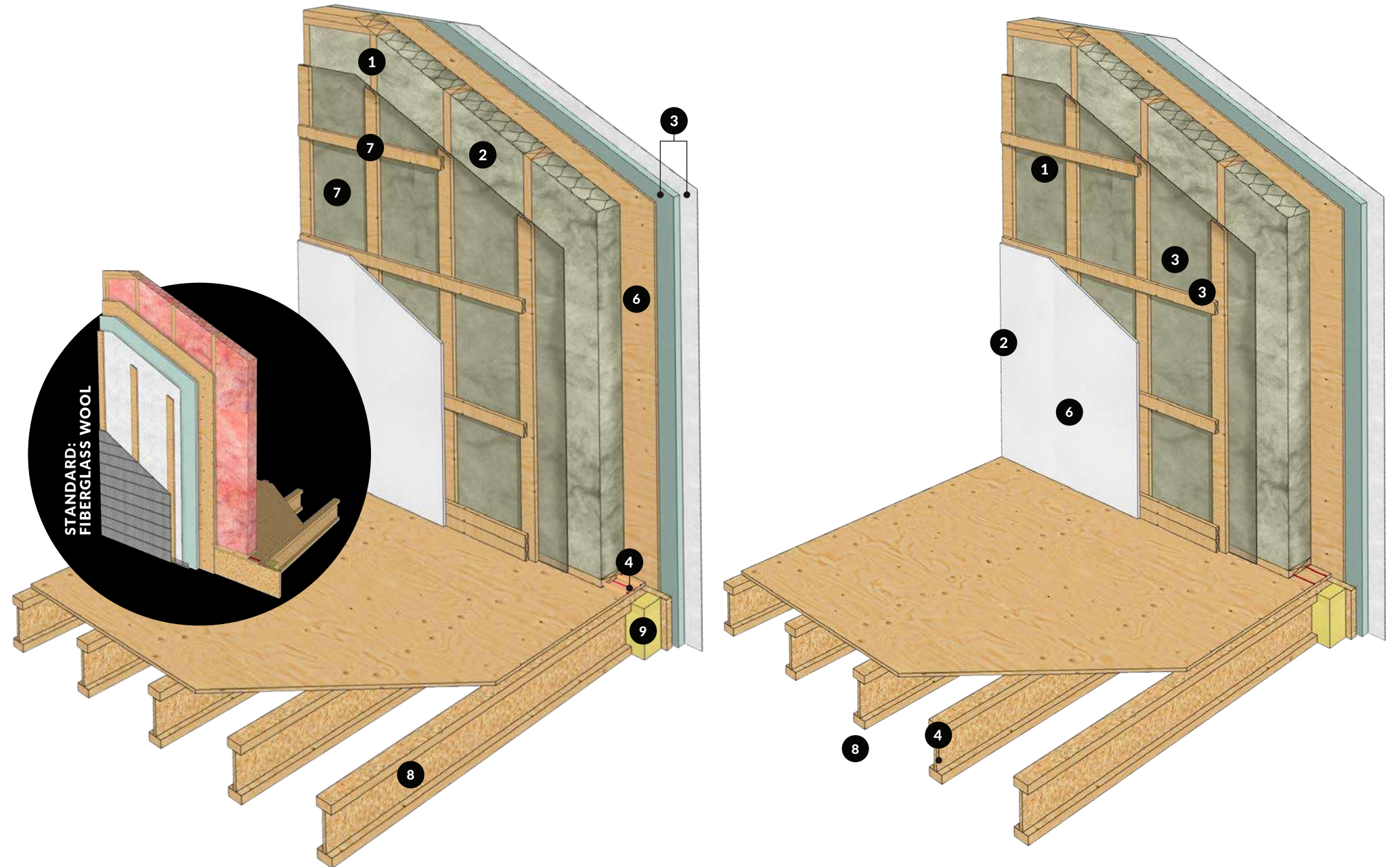
Continuous vapor barrier onto which a double-lathing system is installed to facilitate the passage of electrical wires, which helps to considerably reduce the risk of perforation of the vapor barrier.

## 8 I-BEAMS

Engineered wood I-joists stand out for their durability, increased strength and the reliability in terms of structural stability.

## 9 INSULATION OF THE EDGE BELT

Edge belt insulation, sprayed urethane.



## OPTION: ROCK WOOL

Optional: High performance - Rock wool  
2"X6" WALL WITH 5 1/2" ROCK  
WOOL INSULATION

32,6 R-TOTAL  
INSULATION  
FACTOR

+ ADDITIONAL  
PROTECTION  
against noise,  
fire and water

Optional: Very high performance - Rock wool  
2"X8" WALL WITH 7 1/2" ROCK  
WOOL INSULATION

38,7 R-TOTAL  
INSULATION  
FACTOR

+ ADDITIONAL  
PROTECTION  
against noise,  
fire and water



# OPTION: ROCK WOOL

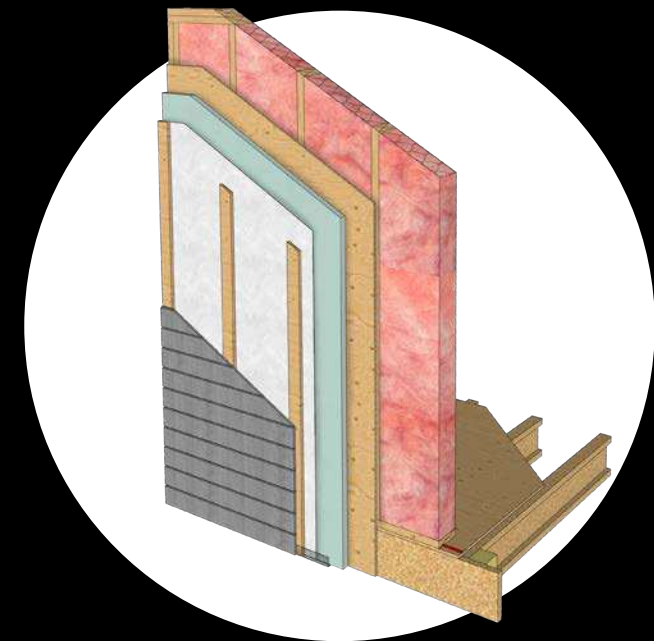
Optional: High performance  
2"X6" WALL WITH 5 1/2"  
ROCK WOOL INSULATION

32,6 R-TOTAL  
INSULATION  
FACTOR L

Optional: Very high performance  
2"X8" WALL WITH 7 1/2"  
ROCK WOOL INSULATION

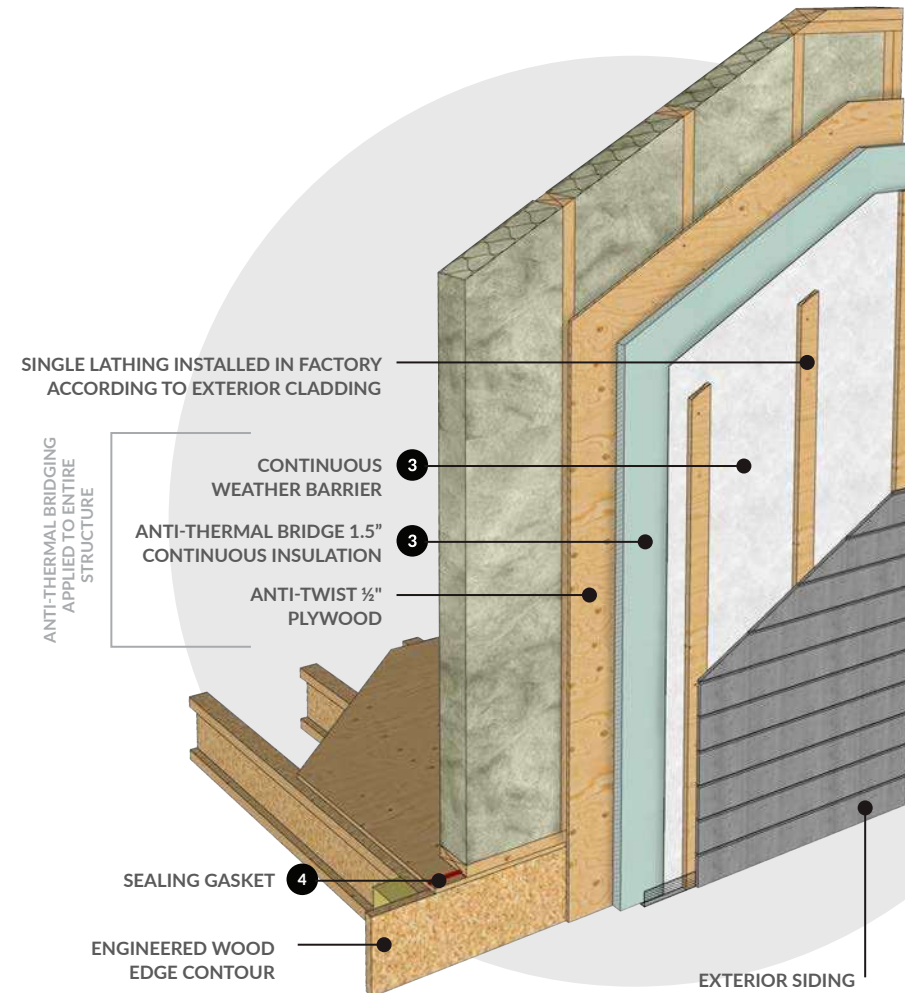
38,7 R-TOTAL  
INSULATION  
FACTOR

STANDARD:  
FIBERGLASS WOOL

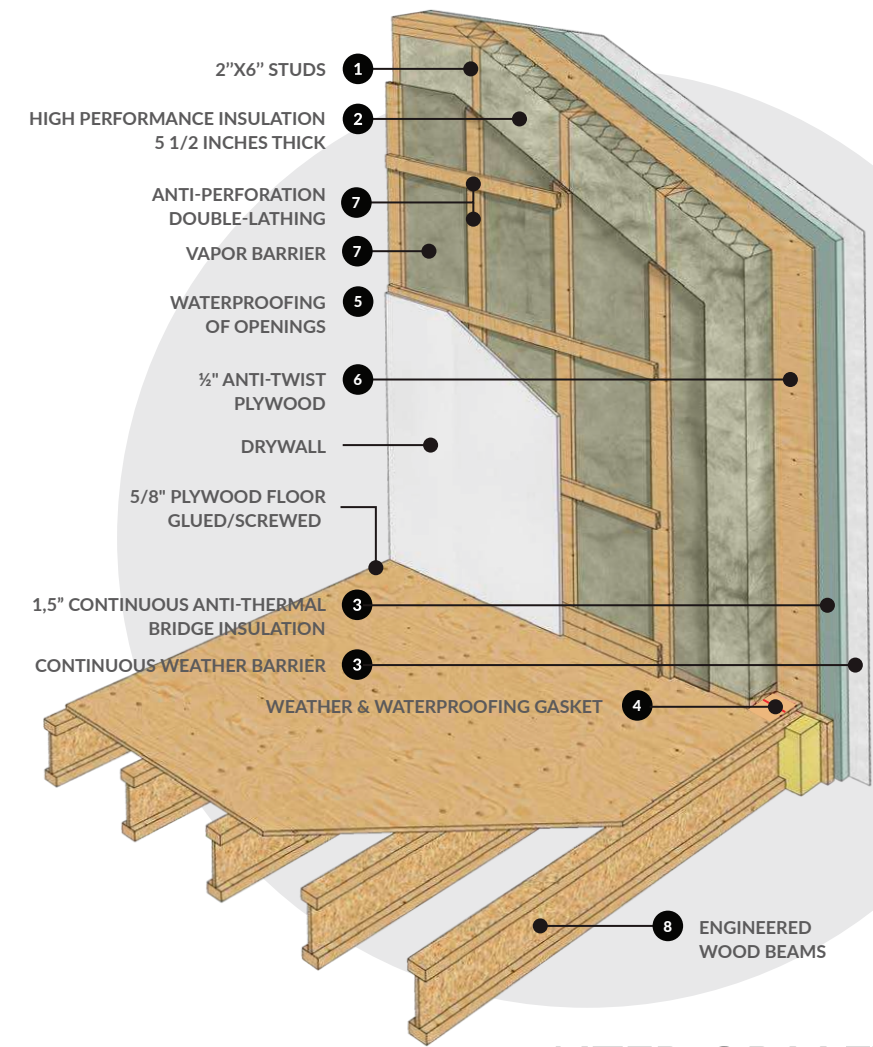


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EXTERIOR VIEW



INTERIOR VIEW

**THERMAL RESISTANCE:**  
Increased heat retention during winter.  
Improved insulation against summer heat.

**FIRE RESISTANCE:**  
Does not burn or release toxic smoke.  
Does not promote the spread of flames.

**ACOUSTIC PERFORMANCE:**  
Helps absorb sound.  
Reduces noise transmission.

**SUSTAINABILITY:**  
Rot-proof: increased resistance to mold, micro-organisms, termites and other insects.

**WATER RESISTANCE:**  
Does not absorb moisture.  
Does not allow steam to pass through.

