

# THERMORY ASH BB SHINGLE PANELS

## PROFILE: S2-BBMS (SHINGLE DESIGN: STAGGERED)

The resawn surface and vibrant texture of Thermory Ash Shingles add a trendy wallcovering to your interior and exterior design. Thermory Ash has Class 1 durability, offering higher dimensional stability compared to unmodified wood.

**Thermory Ash on BB Shingle panel** is a combination of Thermory Ash shingles on Baltic Birch Plywood with vapor permeable roof membrane. It offers a superior panel solution for an eye-catching result with the most common and simple installation practices. The shingle panels are tongue and groove fitted and can be nailed onto joists or flat surfaces with ease. This reduces installation time considerably, provides strong wind resistance and creates a water barrier for a longlasting quality product.

### Responsibility

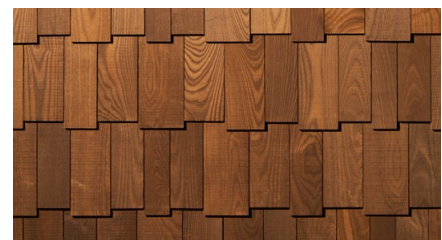
- Chemical-free thermal modification process
- Sourced from well-managed forests
- Top quality exterior grade Baltic birch plywood
- No rainforest wood
- No toxic waste

### Color & Beauty

- Thermory Ash has rich brown color through full thickness
- Naturally ages to a platinum grey
- Preserve the original tone with UV protectant oil
- Variations in color are natural

#### GENERAL SPECIFICATIONS:

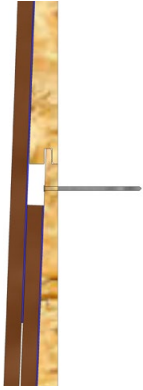
THICKNESS OF PANEL:	24 mm
TOTAL WIDTH OF PANEL:	340 mm
COVERING WIDTH:	167 mm
COVERING WIDTH OF PANEL:	239 mm
LENGTH OF PANEL:	1250 mm
COVERING AREA OF ONE PANEL:	0.3 m <sup>2</sup>
BUNDLING:	euro-pallet approx. with 100 panels: 42 m <sup>2</sup> / (gross)
ONE PALLET COVERS:	approx. 30 m <sup>2</sup> (net)
ADDITIONAL INFORMATION:	Vapour permeability of the membrane 3000g/m <sup>2</sup> /24h



The fixed exposure of the BB Shingle panel is 70%

# Installation:

Nail onto joists or sheathing through the centre of the 30 mm plywood void on top of panel.



**Ventilation:** It is important to ensure adequate air circulation underneath the shingles in order to prolong their durability and enhance energy efficiency. Install on vertical battens allowing the moisture to escape the substructure. The shingles are attached to the exterior grade Baltic birch plywood core with vapor permeable membrane in between. The membrane drains excess water, preventing it from getting into the substructure and allowing for the vapor to evaporate.

In order to calculate the number of shingle panels to be installed consider the vertical coverage of 239 mm and horizontal 1250 mm. The shingles are attached to the exterior grade Baltic birch plywood core. As with every wooden product, purchase 10% excess material to compensate for cutoffs and imperfections.

**Install** substructure battens vertically. Nail every panel to 4 battens and keep the batten distance fixed at 417 mm from centre to centre.

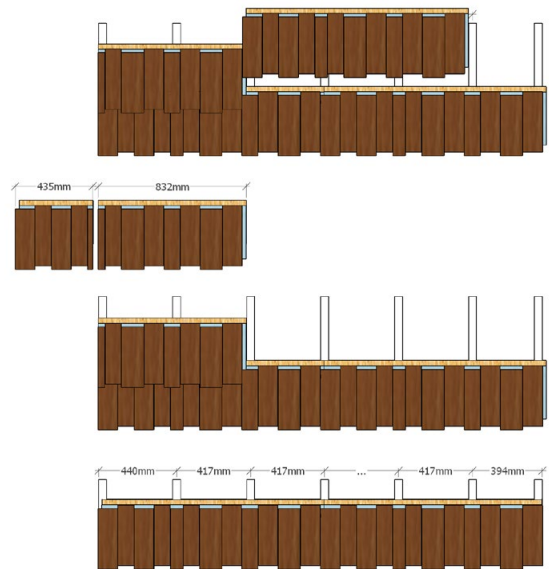
Always begin installation from the bottom left corner and move right and upwards with the next course.

Leave enough clearance from ground for the starter course to avoid moisture damage and ensure longevity of product. Keep minimum 10 mm clearance from flashing of window or door trims as well as from belly band. Do not caulk the flashing.

At the end of the first course trim the rightmost panel. The trimmed-off right end of the panel can be used as the starter piece for the next course as long as it can be trimmed again to be fixed to battens with both edges. Always keep the edges of panels on a batten and fix every panel to every batten with one or two nails.

Firmly push the groove of the panel of the upper course onto the tongue of the panel in the lower course.

The shingle panel has a 1.5-2 mm open keyhole gap between the shingles so the wood has room to expand. Always offset the joints of successive shingle courses. The same applies to shingle imperfections and wood defects which should not be positioned under the joints.



Installation suggestion

Last version: January 2019  
All previous versions are null and void.

The information given above is not intended to supersede local codes.

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