



Design : Version III Design



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Warranty

THOR Torrefied Wood™ siding will give you total peace of mind for decades to come.

WARRANTY*

- 60 YEARS** against wood decay
- 15 YEARS** on solid stain 2 coats **+15 YEARS** extended warranty
- 3 YEARS** on semi-transparent stain 2 coats

* Some restrictions apply.

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THOR
Torrefied Wood®
Permanent Quality & Style.

Rich colours, a natural finish

THOR Torrefied Wood™ brushed face siding is offered in a choice of three semi-transparent stains that enhance the wood **grain**. Torrefied wood will fade slightly the first few weeks it is exposed to UV light, after which it will keep its rich colour.

maibec also offers brushed face THOR siding in an unlimited selection of **solid** colours thanks to our TrueMatch® colouring system.



Brushed face—Mahogany



Brushed face—Cedar



Brushed face—Walnut



Brushed face—Solid colour



THOR

Torrefied Wood®

Permanent Quality & Style.

maibec® brings Finnish technology to North America

maibec®, Canada's leading manufacturer of genuine wood sidings, introduces THOR Torrefied Wood™ siding, a stable and durable product with a rich, warm, natural look.

Torrefaction is not a new process. The Vikings were already using it to enhance the resistance and durability of wood back at the turn of the 8th century.

Scandinavian countries have been improving this age-old process since the 1930s. Valutech-VTT is a proven heat treatment technology that was developed for use in both the residential and commercial sectors in the past ten years.

Torrefied wood:

unmatched stability and durability

Torrefaction is a 100% natural prolonged high heat treatment process that leaves wood amazingly stable and durable. Here's how it works:

Preheating and drying

First, the wood is gradually heated to approximately 130°C for about 20 hours. This process **equalizes the material and lowers its moisture content** to almost 0%.

Intensive heat treatment

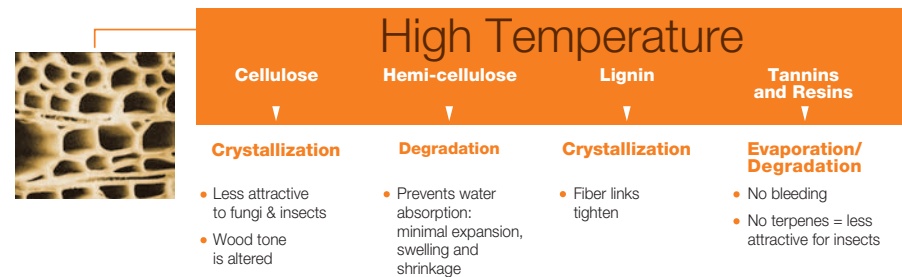
The wood is then heated to about 200°C to thermally modify its molecular structure. This procedure yields three effects:

- It gives a **rich natural amber colour to the wood**
- The wood is much less affected by fluctuations in ambient humidity, giving it **unmatched stability and durability**
- The wood has much greater **resistance to decay and insects**

Cooling and conditioning

The temperature is then gradually lowered. During this phase, the controlled addition of water vapour brings the moisture level of the wood back to 4% to 7%. This restores **natural flexibility**, making it easier to work with.

How does torrefaction affect the molecular structure of wood?



100% wood.
100% ecological.
100% natural.

WOOD NATURALLY CAPTURES CARBON IN THE ATMOSPHERE INSTEAD OF RELEASING IT.

WOOD TORREFACTION USES NO HARMFUL CHEMICALS.

OUR WATER-BASED STAINS HAVE LOW VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS.



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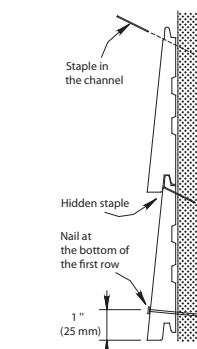
Naturally stable and durable

Each piece of torrefied wood is intensively treated. The result is a stable product of unmatched durability.

Easy to install

THOR 1" x 6" rabbeted bevel siding is easy to install. The boards overlap neatly for an impeccable finish with no visible fasteners. Matching mouldings are also available.

INSTALLATION



Staple: Minimum 7/16" wide x minimum 1 1/2" long stainless steel fastener at 30"

MOULDINGS

SIZES
Inside corner: 2" x 2"
2" inside or outside corner:
2" x 4"
2" x 5"
2" x 6"

