



## Product Description:

NatureTech™ Engineered wood siding Siding is wood-based product used for exterior wall covering. It is manufactured from engineered wood siding panels Type 5 as panel or lap sidings in textured surfaces, factory finished on one side. The unfinished engineered wood siding used as the base material for siding shall conform to the requirements of CAN/CGSB-11.3-M87. The finished siding shall conform to the requirements of CAN/CGSB-11.5-M87 and ANSI A135.6-2006.

### 1. Types

2.1 Lap Siding – long strips designed to be installed with the long dimension oriented horizontally. This siding is embossed and grooved on the face.

2.1 Panel Siding – wide sheets designed to be installed with the long dimension oriented vertically. This siding is embossed and grooved on the face.

### 2. Surface

Prefinished – Siding that has been factory painted on one side, which does not require additional painting at the time of installation.

### 3. Dimensions

3.1 Nominal Thickness for NatureTech™ Engineered wood siding Siding is 12 mm (½ in).

3.2 The length and exposed width for NatureTech™ Engineered wood siding Siding is given in the table below. Tolerances for length shall be plus 0 mm (0 in) and minus 4.8 mm (3/16 in) from the nominal length.

Product	Length	Exposed Width
Classic 6" Bevel	12' - 3.658m	6" - 15.24 cm
Heritage 6" Dutchlap	12' - 3.658m	6" - 15.24 cm
Distinction Double 3" Dutchlap	12' - 3.658m	6" - 15.24 cm
Prestige Double 5" Dutchlap	12' - 3.658m	11" - 27.94cm
Provincial Vertical Double 5"	12' - 3.658m	11" - 27.94cm
Stratford	12' - 3.658m	4 5/8" - 12cm
Hampton Shake	4' 5/8" - 1.235m	7" - 17.78cm

3.3 Trimboard is produced in following dimensions

Nominal Thickness	Length	Nominal Width
31.75mm (5/4")	3.658 m (12")	10.16mm (4"), 12.7cm (5"), 15.25cm (6"), 20.32cm (8"), 25.4cm (10"), 30.48cm (12")
19.05 mm (3/4")	3.658 m (12")	10.16mm (4"), 12.7cm (5"), 15.25cm (6"), 20.32cm (8"), 25.4cm (10"), 30.48cm (12")

#### 4. Properties

**4.1 Engineered wood siding** – The unfinished engineered wood siding used as the base material for siding shall conform to the requirements of CAN/CGSB-11.3-M87. The tests shall be performed on uncoated engineered wood siding having a plain surface. The engineered wood siding used shall be representative of any patterned engineered wood siding produced and submitted for testing.

**4.2 Siding** – The NatureTech™ Engineered wood siding Siding shall conform to the requirements of CAN/CGSB-11.5- M. Typical properties are given in Table 1.

Table 1

Property	Unit	Value
Density	kg/m <sup>3</sup>	760
Hardness	N	4,500
	lb	1,012
Water Absorption	%	11
Thickness Swell	%	2
Linear Expansion	%	0.19
Impact Resistance	mm	1,680
Tensile Strength paralle to surface	MPa	11
	psi	1,595
Tensile Strength perpen. to surface	MPa	0.65
	psi	94
Lateral Nail Resistance	N	1,500
	lb	337
Nail-head Pull Through	N	1,300
	lb	292
Modulus of Rapture	MPa	23
	psi	3,335
Residual Modulus of Rapture	MPa	12.7
	psi	1,842
Permanent Swell	%	3.6

#### 5. Codes, Standards, Evaluations

The NatureTech™ Engineered wood siding Siding has Evaluation Listing CCMC 13384-L and conforms with:

<sup>3</sup>/<sub>4</sub> CAN/CGSB-11.5-M87

<sup>3</sup>/<sub>4</sub> ANSI A135.6-2006