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Product Technical Statement

This PTS follows the format proposed by MBIE in their document 'Product technical statement tool'

Product Description: Foreverbeech HT48 Vertical and Horizontal Shiplap cladding is for use in wind zones up to and including extra high as defined by NZS3604. It is supplied as 5.4m long x 115mm profiled boards, produced from 125mm x 25mm thick Class 2 durable New Zealand Red Beech. Each board comes pre-profiled and on customer request pre-oiled ready for application of top coat oil based coating system.

Scope of Use: external environment above ground, with a (seismic) locality factor (Z) of up to 0.42 (Upper Hutt), in a temperate climate; the system is limited to use for residential housing including Class 1 and Class 2 type construction. I.e. stand-alone houses and multi-apartment dwellings, up to three stories high.

Intended Use: Foreverbeech HT48 is intended for use as an exterior vertical or horizontal cladding product for installation over timber or steel framing using either a direct or cavity fixed methodology.

Manufacture, Distribution & Sales: Foreverbeech HT48 Vertical or Horizontal Shiplap is via a joint venture agreement forest harvested, kiln dried and transported to Health Based Building facilities for conversion to finished product. It is then direct marketed and transported to construction sites New Zealand wide. Components and accessories necessary to complete an installation are to be provided by the installer.

Compliance with the NZBC:

Foreverbeech HT48 Vertical or Horizontal Shiplap meets the following requirements of the NZBC.

Structure - B1: Foreverbeech HT48 Vertical or Horizontal Shiplap meets the requirements of B1.3.1, B1.3.3 (b), (p), (q) of Clause B1.

Durability - B2: Foreverbeech HT48 Vertical or Horizontal Shiplap meets the durability performance requirements of section B2.3.1 (a) of Clause B2.

External Moisture – E2: The requirements of NZBC clause E2 are met when Foreverbeech HT48 is installed vertically or horizontal shiplap cladding as per the technical drawing sheets 1-14 in the Foreverbeech HT48 technical manual. Walls incorporating Foreverbeech HT48 Vertical or Horizontal Shiplap contribute to meeting this requirement.

Fire Performance - C: Foreverbeech HT48 Vertical or Horizontal Shiplap is classified as combustible

Hazardous Building Materials - F2 3.1 Foreverbeech HT48 Vertical or Horizontal Shiplap will not present a health hazard when handled as per its technical specifications.

Installation: Foreverbeech HT48 Vertical or Horizontal Shiplap must be installed in accordance with Technical Specification. The specification and details are available at

<https://www.healthbasedbuilding.com/foreverbeech/cladding/foreverbeech-ht48-engineered-shiplap-cladding-brus?gn=Cladding&gp=1>

https://healthbasedbuilding.co.nz/documents/TD-067-ForeverbeechHT48BrushedFJShiplapWeatherboardTechnicalManual_v1.2_9.04.20.pdf

Warranty: Foreverbeech HT48 Vertical or Horizontal Shiplap has a product warranty of 30 years when installed as per the technical specification

Considerations: Foreverbeech HT48 can be installed to timber framed or steel framed walls.

Foreverbeech HT48 Vertical or Horizontal Shiplap, when installed according to the technical specification and manufacturer's instructions, will comply with Performance Clauses B1.3.1, B1.3.3 (b), (p), (q), B2.3.1 (a) E2 and F2.3.1 of the NZBC.