Product Technical Statement

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

Product Description: Earthen HT48 Vertical or Horizontal Shiplap

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.

Compliance with the NZBC:

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

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

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

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

Hazardous Building Materials - F2 3.2 Earthen HT48 Vertical or Horizontal Shiplap will not present a health hazard when handled as per its technical specifications.

Installation: Earthen HT48 Vertical or Horizontal Shiplap must be installed in accordance with Technical Specification. . The specification and details are available at https://www.healthbasedbuilding.com/earthen/cladding/earthen-cladding-ht48-115-x-21mm-band-sawn-face?gn=Cladding&gp=2 or www.healthbasedbuilding.com

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

Considerations: Earthen HT48 Vertical or Horizontal Shiplap can be installed to timber framed or steel framed walls.

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

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