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Thermakraft 220 Synthetic Wall Underlay

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Abbreviation
Appraisal number 912
Amendment
01/09/2020
Valid from
22/04/2016

Information provider
BRANZ Limited
Information type
BRANZ Appraisal
Format
PDF

Description

Thermakraft 220 Synthetic Wall Underlay is a flexible synthetic wall underlay for use under direct-fixed and cavity wall claddings on timber and steel-framed buildings. The product is manufactured from non-woven, spun-bonded polypropylene and is coloured white.

Scope

Flexible wall underlay

Thermakraft 220 Synthetic Wall Underlay has been appraised for use as a flexible wall underlay for timber and steel-framed buildings within the following scope:

- The scope limitations of NZBC Acceptable Solution E2/AS1 paragraph 1.1 for timber-framed buildings.
- The scope limitations of NASH Building Envelopes Solutions paragraph 1.1 for steel-framed buildings.
- With direct-fixed absorbent and non-absorbent wall claddings.
- With absorbent and non-absorbent wall claddings installed over an 18 mm minimum drained cavity.
- With masonry veneer in accordance with NZBC Acceptable Solution E2/AS1 for timber-framed buildings or NASH Building Envelope Solutions for steel-framed buildings.
- Situated in NZS 3604 wind zones up to and including very high.

Use over rigid wall underlay

Thermakraft 220 Synthetic Wall Underlay has been appraised for use as a flexible wall underlay over rigid wall underlays on timber and steel-framed buildings within the following scope:

- The scope limitations of NZBC Acceptable Solution E2/AS1 paragraph 1.1 for timber-framed buildings.
- The scope limitations of NASH Building Envelope Solutions paragraph 1.1 for steel-framed buildings.
- With absorbent and non-absorbent wall claddings installed over an 18 mm minimum drained cavity.
- With masonry veneer in accordance with NZBC Acceptable Solution E2/AS1 for timber-framed buildings or NASH Building Envelope Solutions for steel-framed buildings.
- Situated in NZS 3604 wind zones up to and including extra high.

Specific design

Thermakraft 220 Synthetic Wall Underlay has also been appraised for use on buildings subject to specific weathertightness design. Building designers are responsible for the building design and for the incorporation of Thermakraft 220 Synthetic Wall Underlay into their design in accordance with the declared properties and the instructions of Thermakraft Ltd.

For assistance with locating previous versions, please contact the information provider.

Notes/comments

This Appraisal has been amended to update:

- The product name from 'Thermakraft 220 Wall Underlay' to 'Thermakraft 220 Synthetic Underlay'
- Product weight/properties
- Fire words in section 10.1, 11.1 and installer skill level 13.1

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