



BRANZ Appraised
Appraisal No. 558 [2014]

bituBOND®
SELF-ADHESIVE
DAMP-PROOF
MEMBRANE

Appraisal No. 558 [2014]

This Appraisal replaces BRANZ
Appraisal No. 558 [2007].

Amended 01 April 2016



BRANZ Appraisals

Technical Assessments of products
for building and construction.



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Product

- 1.1 bituBOND® is a self-adhesive damp-proof membrane (DPM) for basement retaining walls and floors. The product is supplied as a self-adhering, cold-applied, polymer-rubber modified bitumen sheet in roll form.

Scope

- 2.1 bituBOND® has been appraised as a DPM for use:
 - on buildings subject to non-specific design under floor slabs complying with NZS 3604 and behind concrete masonry basement walls and under floor slabs complying with NZS 4229; and,
 - on buildings subject to specific design with substrates of in-situ or precast concrete complying with NZS 3101 or concrete masonry complying with NZS 4230; and,
 - where subsoil drainage and free draining granular backfill has been placed behind basement walls.
- 2.2 The product must be installed by Waterproofing Systems NZ Ltd approved and trained installers.

Building Regulations

New Zealand Building Code (NZBC)

- 3.1 **In the opinion of BRANZ, bituBOND® if designed, used, installed and maintained in accordance with the statements and conditions of this Appraisal, will meet or contribute to meeting the following provisions of the NZBC:**
 - Clause B2 DURABILITY:** Performance B2.3.1 (a) not less than 50 years. bituBOND® meets this requirement. See Paragraph 10.1.
 - Clause E2 EXTERNAL MOISTURE:** Performance E2.3.3. bituBOND® meets this requirement. See Paragraphs 12.1 - 12.3.
 - Clause F2 HAZARDOUS BUILDING MATERIALS:** Performance F2.3.1. bituBOND® meets this requirement and will not present a health hazard to people.
- 3.2 This is an Appraisal of an **Alternative Solution** in terms of New Zealand Building Code compliance.