



## BRANZ Appraised

Appraisal No. 469 [2011]

## GRIPSET® 38 AND GRIPSET® 2P EXTERNAL WATERPROOFING MEMBRANES

Appraisal No. 469 [2011]

This Appraisal replaces BRANZ  
Appraisal No. 469 [2005].

Amended 01 April 2016



### BRANZ Appraisals

Technical Assessments of products  
for building and construction.



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## Product

- 1.1 Gripset® 38 and Gripset® 2P External Waterproofing Membranes are liquid-applied waterproofing membranes for use under ceramic or stone tile finishes on external decks and balconies.

## Scope

- 2.1 Gripset® 38 and Gripset® 2P External Waterproofing Membranes have been appraised for use as a waterproofing membrane for buildings within the following scope:
  - scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with respect to building height and maximum floor plan areas; and,
  - with timber supporting structures designed and constructed in accordance with the NZBC; and,
  - with a substrate of fibre cement compressed sheet; and,
  - with decks that have a maximum size of 40 m<sup>2</sup>.
- 2.2 Gripset® 38 and Gripset® 2P External Waterproofing Membranes have also been appraised for use as a waterproofing membrane for external reinforced concrete pedestrian decks and balconies for buildings within the following scope:
  - up to 3 storeys with a maximum height from ground to eaves of 10 m and with a floor plan area limited only by seismic and structural control joints; and,
  - with the reinforced concrete structure designed and constructed in accordance with the NZBC.
- 2.3 This Appraisal is limited to decks and balconies within the following scope:
  - constructed to suitable falls [Refer Paragraph 12.4 - 12.9]; and,
  - with the membranes continually protected from exposure to UV [ultra violet] light and from physical damage by ceramic or stone tile finishes on a pedestal or decoupling system; and,
  - with decks and balconies designed and constructed such that deflections do not exceed 1/360<sup>th</sup> of the span; and,
  - with no steps within the deck level, no integral roof gardens and no down pipe discharging directly onto the deck.
- 2.4 Building structural movement and control joints in the substrate must be carried through to the tile finish. The design and construction of the substrate and movement and control joints are specific to each building, and therefore the responsibility of the building designer and building contractor and are outside the scope of this Appraisal.
- 2.5 Ceramic or stone tile finishes are outside the scope of this Appraisal.
- 2.6 The membranes must be installed by trained applicators, approved by Waterproofing Systems NZ Ltd.

Readers are advised to check the validity of this Appraisal by referring to the Valid Appraisals listing on the BRANZ website, or by contacting BRANZ.