

Nuplex Construction Products Multiplast fibre cement jointing system

Product Technical Statement: 101503



Jointing and coating system suitable for all fibre cement sheets

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Product Description

Multiplast is a jointing and coating system for use as a finishing system for Monotek® type rebated fibre cement sheet cavity cladding systems.

The system consists of a fibreglass mesh reinforced jointing plaster, followed by a fibreglass mesh reinforced, polymer-modified, cement-based render over the entire sheet cladding system which is finished with a cement-based finishing plaster. The plaster system is then finished with a 100% acrylic-based paint system.

Performance

Multiplast has been appraised for use as a jointing and coating system for Monotek® type fibre cement sheet cavity construction on buildings within the following scope;

- The scope limitations of NZBC Acceptable Solutions E2/AS1; and,
- With a risk score of 0 - 20, calculated in accordance with NZBC Acceptable Solution E2/As1 table 2; and,
- Situated in NZS 3604 wind zones up to and including 'Very High'
 - **Multiplast has also been appraised for use as a jointing and coating system for Monotek® type fibre cement sheet cavity construction on buildings subject to specific design up to an ultimate limit state (ULS) wind pressure of 2500 Pa; and,**
- Constructed with timber framing complying with NZBC; and,
- Within the scope limitations of BRANZ Appraisal No. 466 (2005) Monotek® Sheet-Cavity Construction.
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Design Guidelines

Monotek® Sheet - Cavity Construction must be used, designed and installed as described in BRANZ Appraisal No. 466 (2005) Monotek® Sheet - Cavity Construction Technical Literature.

Installation/Application

Installation of components and accessories supplied by Nuplex Construction Products must be carried out only by Nuplex Construction Products approved applicators.

Maintenance

Regular cleaning (at least annually) of the Multiplast Coating System is recommended to remove grime, dirt and organic growth, to maximise the life and appearance of the plaster and coating system. Grime may be removed by brushing with a soft brush, warm water and detergent.

Annual inspections must be made to ensure that all aspects of the plaster system remain in a sound and weatherproof condition. Any damaged areas or areas showing signs of deterioration which would allow water ingress, must be repaired immediately. Sealant, paint coatings or the plaster system must be repaired in accordance with the instructions of Nuplex Construction Products. Any damage to the fibre cement substrate must be repaired in accordance with the advice of James Hardie New Zealand Ltd.

Recoating of the paint system will be necessary at approximately 8 - 10 yearly intervals.

 **MSDS** [View Material Safety Data Sheet](#)

Test Results, Appraisals, Quality Assurance



BRANZ Appraisal
530(2006)



ISO 9001 (Quality Management)



Date last validated: **13 April 2012**



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