TABLE OF CONTENTS

Insulation 4
Knauf Insulation Blow-In glasswool Insulation 4

SMARTSPEC

1 INSULATION

1.1 Preliminary

Refer to General Conditions of Contract and the Special Conditions in this Specification as appropriate. Read this section in conjunction with all other trade sections.

1.2 Compliance

Comply with the New Zealand Building Code 1992 including all revisions and amendments, Verification Methods where appropriate, and construction principles that are embodied in the Acceptable Solutions.

Comply with all relevant provisions and recommendations of:

4218:2009(NZS)	Thermal insulation - Housing and small buildings
4220:1982(NZS)	Code of practice for energy conservation in non-residential buildings
4243.1:2007(NZS)	Energy efficiency - Large buildings - Building thermal envelope
4246:2016(NZS)	Energy efficiency - Installing bulk thermal insulation in residential buildings
4859.1:2018(AS|NZS)	Thermal insulation materials for buildings - Part 1: General criteria and technical provisions
60598.2.2:2016(AS|NZS)	Luminaires - Part 2.2: Particular requirements - Recessed luminaires
NZBC B2/AS1	Durability

1.3 Knauf Insulation Blow-In glasswool Insulation

1.3.1 Scope

Supply and install Knauf Insulation Blow-in glasswool insulation, as specified herein, to areas as identified on the design drawings, complete with accessories required for proper installation and performance. All aspects of this work shall be in complete accordance with Knauf Insulation product manuals and installation guidelines, (check www.knaufinsulation.co.nz, or email tech.nz@knaufinsulation.com, or call 0800 562 834 for the latest editions), related Knauf Insulation CodeMark Certificates of Conformity, and other relevant product manufacturers' recommendations.

No substitutions are permitted for the specified Knauf Insulation Blow-in glasswool Insulation.

For the purpose of this specification, installation instructions and detail drawings, are collectively referred to as the 'Technical Literature'.

Knauf Blow-In Insulation must be installed by accredited installers approved by Knauf Insulation Ltd.

The following is a list and/or general description of the extent of the Knauf Blow-In Insulation works, which are more specifically defined in the contract documents, required for the completion of the contract works:

1.3.2 Requirements

1.3.2.1 Safety

Comply with the Health and Safety at Work Act 2015 (HSWA), and with all relevant Health and Safety at Work Regulations 2016, and with all relevant WorkSafe New Zealand (WorkSafe) Approved Codes of Practice and WorkSafe Information and Guidance, particularly those for construction and building maintenance.

1.3.2.2 Substitutions

Knauf Blow-In Insulation shall be as specified herein and on the design drawings. The substitution of Knauf Blow-In Insulation for an alternative brand, system or product is not permitted under any circumstances.

The substitution of a specified Knauf Insulation product for an alternative Knauf Insulation product by the Contractor shall only be permitted with the Contract Administrator's written authorisation and shall be at no additional cost to the Principal. Should any resultant extra work and/or redesign work be required to accommodate an alternative Knauf Insulation product to satisfy design, performance and compliance requirements, then the cost of these shall be borne by the Contractor.

1.3.2.3 Producer Statement PS3

The Knauf Insulation Ltd Approved Applicator shall supply a PS3 Producer Statement (Construction) at time of application for Code Compliance Certificate.

The Producer Statement shall include:
- Date of installation;
- Material used;
- Name and address of insulation manufacturer and installer;
- Declared R-value;
- Design density (kg/m³), thickness (mm) and R-value (m².°C/W);
- Installed thickness;
- Net wall area (m²);
- Net weight of the installed insulation (kg) - i.e. the weight of each pack (kg) and the total number of packs used; and
- Other relevant information.

1.3.2.4 Inspections & Reporting

BCA inspections shall take place at each of the stages as scheduled in the Building Consent. Confirm a written programme to facilitate these inspections, including notification when each stage of the work is ready for inspection.

Carry out all necessary pre-installation and installation inspections.

Complete all necessary Pre-Installation Checklists prior to installation, and all necessary Installation Checklists.

SMARTSPEC