Allied Concrete Ready Floor Slab-on-Ground

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1 Specification Details

Trade Sections: Concrete

Description:

Keywords: Concrete, Allied Concrete, READY Floor Concrete, steel fibre reinforced concrete, concrete slabs,

2 Clauses

2.1 Scope

Help Note:

Allied Concrete READY Floor concrete is steel fibre reinforced concrete suitable for the construction of concrete slabs-on-ground with combined foundations, and concrete slabs-on-ground for residential, commercial and industrial use.

If in doubt about any aspect of your specification contact Allied Concrete on 0800 4 255 433

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2.1.1 Scope

Supply and construct Allied Concrete Ready Floor concrete slabs-on-ground, as specified herein and to the locations, layout, and details shown on the drawings, complete with all necessary materials, components, and accessories required for proper construction and performance. All aspects of this work shall be in accordance with the Allied Concrete Ready Floor Technical Literature (check www.alliedconcrete.co.nz, or call 0800 425 5433 for the latest editions) and BRANZ Appraisal No.810 (2012), other relevant manufacturers' recommendations, and as shown on the design drawings.

Allied Concrete Ready Floor concrete flooring system is CodeMark assured to meet certain provisions of the New Zealand Building Code - refer to CodeMark Certificate of Conformity No.GM-CM30046-Rev I, issued by Global-Mark Pty Ltd.

No substitutions are permitted for the Allied Concrete Ready Floor concrete flooring system.

For the purpose of this specification, Allied Concrete Ready Floor shall be referred to as 'Ready Floor'; and the Allied Concrete Ready Floor Technical Literature referred to as the 'Technical Literature'.

This specification should be read in conjunction with other relevant specification sections, as they are interrelated.

2.1.2 Limitations of Scope

Allied Concrete Ready Floor for concrete slabs-on-ground is limited to the following uses:
- For monolithic floor slabs with combined foundations for buildings within the scope of NZS 3604, built on "good ground" as defined by NZBC B1 - Structure.
- For separately poured floor slabs with conventionally reinforced concrete foundations for buildings within the scope of NZS 3604, built on "good ground" as defined by NZBC B1 - Structure.
- As commercial and/or industrial concrete slabs-on-ground from 100-150 mm thick, on soil with a modulus of subgrade reaction of k>30 kPa/mm.

Allied Concrete Ready Floor is not suitable for soils that are expansive or prone to liquefaction or differential settlement.

2.1.3 Extent of Work

The following is a list and general description of the extent of the Allied Concrete Ready Floor concrete slab-on-ground works, which are more specifically defined in the contract documents, required for the completion of the contract works:

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2.2 Requirements

Help Note:
All of the clause options listed below are optional - as applicable, select only those options according to project requirements.

If in doubt about any aspect of your specification, contact Allied Concrete on 0800 425 5433.

2.2.1 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.

2.2.2 Substitutions

The substitution of the Allied Concrete Ready Floor concrete floor for an alternative concrete slab-on-ground floor system is not permitted under any circumstances.

The substitution by the Contractor of any Allied Concrete Ready Floor concrete slab-on-ground materials, components, or accessories specified herein or on the design drawings 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 any alternative materials, components, or accessories to satisfy design, performance, and compliance requirements, then the cost of these shall be borne by the Contractor.

2.2.3 Ground Conditions

The Contractor shall be deemed to have examined the site and considered and interpreted the nature of the ground on which the Allied Concrete Ready Floor concrete slab-on-ground is to be constructed.

Any factual or interpretative information of the nature of the ground contained within the contract documents may not present a complete or accurate picture of the whole of the site. Such information is provided to the Contractor in good faith, and the owner takes no responsibility for its accuracy.

The Contractor is responsible for drawing their own conclusions and interpretations as to the nature of the ground, and from any information contained in the contract documents.

2.2.4 Geotechnical Report

A geotechnical investigation of the site has been carried out - refer to the Geotechnical Report appended.

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