Cupolex® Ecodome™ Concrete Void System

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1 Specification Details

Trade Sections: Concrete
Description: Cupolex is the cost effective, eco-friendly alternative to a Polystyrene/raft foundation, using Italian designed structural domes replacing hard fill or polystyrene in permanent concrete formwork. Made from 100% recycled materials, the domes are easy and fast to install, optimising reinforcing in your concrete foundation.
Keywords: Cupolex Concrete Void System Foundation Rib Raft Slab Plastic

2 Clauses

2.1 About the system

Help Note:
All aspects of this work shall be in complete accordance with the NZBC, relevant standards and manufacturers' technical literature. For enquiries, please contact Cupolex on 0800 287 6539 or enquiry@ecodome.co.nz. Check www.ecodome.co.nz for more information.

For technical information on products to attach to this project, please visit productspec.co.nz/en/supplier/cupolex%20solutions.

2.1.1 About the system

Cupolex Ecodome is the cost effective, eco-friendly alternative to a Polystyrene/raft foundation, using Italian designed structural domes replacing hard fill or polystyrene in permanent concrete formwork. Made from 100% recycled materials, the domes are easy and fast to install, optimising reinforcing in your concrete foundation.

2.2 Scope

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All aspects of this work shall be in complete accordance with the NZBC, relevant standards and manufacturers' technical literature. For enquiries, please contact Cupolex on 0800 287 6539 or enquiry@ecodome.co.nz. Check www.ecodome.co.nz for more information.

2.2.1 Scope

Supply and install the selected Cupolex Concrete Void System, complete with all accessories, reinforcing, and construct the concrete slab to the layout and details shown on the drawings. All aspects of this work shall be in accordance with the Cupolex Concrete Void System specification and guidelines (check www.cupolex.co.nz or call 0800 287 6539 for the latest editions), other relevant product manufacturers' recommendations, and as shown on the drawings.

The Cuploex concrete floor system is CodeMark assured: CodeMark Certificate of Conformity No. BRANZ-CM-1026-Rev1, issued by BRANZ Limited

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No substitutions are permitted for Cupolex Building Systems products.

2.3 Requirements

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All aspects of this work shall be in complete accordance with the NZBC, relevant standards and manufacturers' technical literature. For enquiries, please contact Cupolex on 0800 287 6539 or enquiry@ecodome.co.nz. Check www.ecodome.co.nz for more information.

2.3.1 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.

2.3.2 Extent of work

The following is a list and a general description of the extent of the Cupolex Ecodome Concrete Void System works, which are more specifically defined in the contract documents, required for the completion of the contract works:

2.3.3 Defective Materials & Work

Should defective materials and/or work be found at any time before the final acceptance of the work, it shall be rejected. Rejected Cupolex Ecodome materials and work shall be repaired and/or replaced to the satisfaction of the Architect/Designer, without delay and at no additional cost to the Principal.

Should a problem be encountered with any Cupolex Ecodome product during use or delivery, immediately contact Cupolex on 0800 287 6539 or enquiry@cupolex.co.nz. Do not continue to use the product that is not performing to specification or expectation. Keep the product in question, and where possible, the document batch numbers and/or manufacturing details.

2.3.4 Engineering Design

All works are to be constructed as per the architectural and engineering drawings, details, documents and specifications. Work is to be undertaken by experienced and suitably qualified persons to best industry practice and to the NZBC / relevant NZ standards. The contractor shall specifically ensure that works adhere to the information presented in the architectural and engineering design for: site preparation, foundation substrate preparation, grades and details of reinforcing steel, the Cupolex Ecodome dome layout and the local authority inspection regime.

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