

CUPOLEX COMPOSITE FLOORING SYSTEM

1. GENERAL

Refer to 3101 CONCRETE for concrete mix and strength specification.

1.1 DOCUMENTS REFERRED TO

Documents referred to in this section are:

Enter specific documents details here

Documents listed above and cited in the clauses that follow are part of this specification. However, this specification takes precedence in the event of it being at variance with the cited document.

1.2 SUPPLIERS DOCUMENTS

Supplier's documents relating to work in this section are available on the website: www.cupolex.co.nz:

Further information or help is available by phoning 0800 CUPOLEX (287 653)

2. PRODUCTS

2.1 CUPOLEX DOME

The (100% recycled plastic) structural domes which easily interlock to create a self-supporting structure which acts as a permanent form-work.

2.2 BETON STOP

The (100% recycled plastic) end stop which prevents concrete from entering under the Cupolex domes and provides the ability to adjust the form work to suit the geometry of each specific slab.

2.3 C100

The (100% recycled plastic) end spacer which chairs the reinforcing steel off the ground and away from the slab edge in line with building code requirements.

3. EXECUTION

3.1 STORAGE

Take delivery of and accept product and accessories undamaged. Store on a level firm base and protected from excessive UV-light and away from current work areas.

3.2 HANDLING

Avoid distribution and contact with damaging substances. Do not drag products across each other and other materials. Protect edges and surface finishes from damage.

3.3 CUTTING

Cutting of plastic components can be carried out where ground penetrations or existing portals etc occur.

3.4 ERECT AND PLACE

Set out Cupolex domes and Beton Stops as indicated on the plan. Domes should be constructed with arrows up, from left to right and top to bottom.

3.5 EDGE BOXING

Form and fix edge timber boxing to contain the wet concrete.

3.6 PLACE REINFORCEMENT

Place mesh and reinforcement as detailed. Minimum top cover 40 mm.

3.7 CONCRETING

Ensure CUPOLEX FLOORING SYSTEM is clean, free of debris and water. Place and vibrate concrete to the requirements of the concrete manufacturer.

3.8 SLAB FINISHING

Screed and provide a U3 finish to NZS 3114, table 2.

3.9 CONCRETE CURING

Keep continuously damp for seven days. Keep time between placing and start of curing concrete to an absolute minimum.

3.10 BOXING REMOVAL

Do not remove temporary boxing until concrete has achieved a full 28 days curing, without the written direction of the design engineer.

3.11 LEAVE

Leave work to the standard required by following procedures.

3.12 CLEAN UP

Clean up surrounding areas following completion of the concrete placement.

3.13 REMOVE

Remove debris, unused materials and elements from the site.