

Warranties

- 1.4 WARRANTY – MANUFACTURER/SUPPLIER
Provide a BiForm manufacturer/supplier warranty:
25 years limited liability: For materials
- Provide this warranty on the manufacturer/supplier standard form.
- Commence the warranty from the date of the practical completion of the contract works.

Requirements

- 1.5 QUALIFICATIONS
Workers / Installers to be experienced, competent trades people familiar with the materials and techniques specified.
- 1.6 NO SUBSTITUTIONS
Substitutions are not permitted to any of the specified systems, components and associated products listed in this section.
- 1.7 CARE AND MAINTENANCE INSTRUCTIONS
Provide BiForm Care and Maintenance Guide document before practical completion of the contract for issuing to the building owner.

2. PRODUCTS

Materials

- 2.1 BIFORM COMPOSITE DECKING
BiForm composite decking comprised of 30% recycled HDPE and 60% waste timber fibre. Boards are solid extruded sections with a ridged finish on one side and a brushed, smooth finish on the other side. Boards can be installed with either side faced up.
Refer to WEBSITE for profile, dimensions, colour range etc.

Components

- 2.3 BIFORM COMPOSITE DECK SURFACE FIXING SCREWS

138 x 20 Profile
BiForm composite deck screws are comprised of 316 grade stainless steel square drive 10 gauge x 65mm winged deck screws for surface fixing the boards.

3. EXECUTION

Conditions

3.1 DELIVERY, STORAGE AND HANDLING

Take delivery of BiForm composite decking materials and store flat and keep dry.

Protect finished surfaces, edges and corners from damage.

Store boards off the ground and provide right supports along the length of a standard 4.85m long board.

Reject and replace goods that are damaged or will not provide the required finish.

3.2 PRE-INSTALLATION REQUIREMENTS

Check work previously carried out and confirm it is of the required standard for this part of the work.

For decking laid on timber framing joist spacing to be at a maximum of 400mm centres for BiForm 138 x 20mm.

Minimum clearance between boards and surface beneath the deck to be 300mm.

When laid over sealed substrates the minimum clearance is to be 50mm. Timber framing to comply with NZS 3602.

For decking laid on steel framing consult with BiForm for installation requirements.

For decking laid on DPC and concrete or waterproof membranes fixed over treated timber use "BiForm Stack N Pack" joist mounts and consult with BiForm for installation requirements. Timber battens to comply with NZS 3602.

3.3 PRE-COATING/FINISHING REQUIREMENTS

Check work previously carried out and confirm it is of the required standard for specified finish.

Carry out such additional preparatory work as required to bring the substrate to suitable condition.

3.4 EXPANSION AND CONTRACTION

BiForm Forest Board has minimal thermal expansion and contraction, and can therefore be surface fixed and utilise random butt joints

Installation – general

3.5 LAYING OUT BIFORM BOARDS

Lay all boards in the same direction as the grain. This will ensure consistency of look across the deck.

3.6 INSTALL TIMBER BATTENS - CONCRETE SUBSTRATE

Loose lay the battens on DPC or waterproof membrane using "BiForm Stack N Pack" joist mounts at a maximum 400mm centres for BiForm 138 x 20mm profile along the direction of the fall, to BiForm requirements. Timber battens to comply with NZS 3602. LOSP treated timber battens not to be used with membrane systems.

Installation- screw fixing system

3.7 SURFACE SCREW FIXING OF BIFORM COMPOSITE DECKING

Use BiForm composite deck screws as per article 2.3. Pre-drill and countersink fixings to reduce risk of splitting when screwing directly into BiForm composite decking. Adjust driver to low or medium

torque setting when fixing screws. Screws should finish flush and not be “over driven” into the decking.

3.8 **INSTALL BIFORM FASCIA BOARD**

When using BiForm decking board as a fascia screw fix board at not more than 400mm centres in accordance with BiForm requirements.

Completion

3.9 **ROUTINE CLEANING**

Carry out routine trade cleaning of this part of the work including periodic removal of all debris, unused and temporary materials and elements from the site.

3.10 **DEFECTIVE OR DAMAGED WORK**

Repair damaged or marker elements. Replace damaged or marked elements where repair is not possible or will not be acceptable. Leave work to the standard required for following procedures.

3.11 **PROTECTION**

Provide the following temporary protection of the finished work:

Protect from dust and damage while remainder of works are being carried out.

4. SELECTIONS

For further details on selections go to www.biform.co.nz

Substitutions are not permitted to the following, unless stated otherwise.