ECO FUSION DECK CoExtrude (EFD CE)

METHOD STATEMENT

INSTALLATION OF TFG EFD CE DECK USING STAINLESS STEEL CLIPS

Health & Safety

1. Wear appropriate PPE
   a. Gloves
   b. Mask & goggles
   c. Appropriate footwear
   d. Helmet
2. Check all tools are in good and working conditions
3. Cordon off surrounding and place prominent notices

Preparation of Sub-Floors

1. Prior to the commencement of installation, the installer shall inspect the sub floor to ensure that they are ready to receive the decking.
2. It shall be the responsibility of the main contractor / owner to ensure that the sub floor conforms to the stipulated installation requirement.
3. Ensure that the concrete foundation slab to receive the aluminium or wood batten has adequate gradient for water drainage purpose to prevent water ponding and flooding.
4. If the base is not of concrete slab, e.g. soil, concrete stump or slab must be constructed to receive the battens. Sub-floor requirement for the installation of decking has to be solid and strong to prevent the structure from collapsing.
5. It is recommended to use aluminium hollow channel with min 2mm wall thickness as batten. However, if wood batten is chosen, the wood batten has to be tanalised to prevent rot.

Installation of Batten

1. Ensure that the spacing between batten are no less than 300mm center to center.
2. It is recommended to use PU glue to secure the batten onto the subfloor slab.
3. If necessary, to reach the required finished floor level, ensure that only plastics or ABS spacers are used for levelling of the batten. DO NOT use wood chips/pieces for this purpose.

Installation of Decking (Stainless Steel Clip System)

1. Use only approved stainless steel or anodized stainless steel clips specially designed for EFD CE Deck. (Clips and screws must be of at least SS304 grade)
2. The minimum number of clips use is 21 per m2.
3. Use a minimum of 2 stainless steel screws to secure the clip onto the batten.
4. Use only approved stainless steel start and end clips when securing the start and ending deck pieces during installation. Should the use of start or end clip is deemed not possible due to site constraint, it is recommended to use PU glue to secure the start or end piece onto the batten.
5. Ensure that there is a minimum 1mm-2mm gap on the long sides, and a minimum of 2mm on the short sides, to cater for the natural movement (expansion and contraction) of the decking. There should be a minimum expansion gap of at least 3mm from the wall to the decking

Site Clean-up after Installation

Upon completion of installation, the installer shall remove all debris and unused cut pieces from the site. The decking must be swept clean of debris, especially screws and nails to prevent injury and scratching to the surface of the deck.

Remarks

Kindly note that the warranty for our EFD CE deck will be voided should any of the above is not adhered to.

Maintenance Guide

All exterior building materials require cleaning. Generally, soap and water is all that is required to clean TFG WPC. For further information, see below.

PROBLEM	SOLUTION
Dirt and Debris	The affected area should be sprayed off with a hose to remove surface debris. Use warm soapy water and a soft bristle brush to remove dirt and debris from the embossing pattern.
Hard Water Staining	Hard water is water with a high amount of mineral deposits like lime, silica and calcium. When the water dries, deposits are left behind, leaving unsightly spots on surfaces. This is not a defect of TFG WPC but an issue with the water itself. Generally these deposits can be cleaned with white vinegar on decking surfaces. Rinsing is required so care should be taken to not use hard water for this purpose, and if it must be used, dry with a cloth or use a blower to dry surfaces.
Oil, Grease and Food	All food spills should be removed as soon as possible. To remove, spray off with a hose and use warm, soapy water an a soft bristle brush to remove spills from the embossing pattern.
Using a Pressure Washer (Concrete, Stucco or Ground-in Construction Dirt)	A pressure washer with no greater than 3100 psi that has a fan attachment/adjustment and soap dispenser may be used to remove dirt, concrete dust, or other types of construction dirt. Spray deck with soap, then follow with gently scrubbing each deck board with a soft bristle brush. Spray/rinse each individual deck board using a fan tip no closer than 8-in from the decking surface. RINSE THOROUGHLY. If dirty water from cleaning is left to dry, this will cause a film to remain on the decking surface.