

ELCOROCK® FILLING FRAME OPERATING AND SAFETY INSTRUCTIONS

WARNING!

- Any alterations to this hire equipment may prove dangerous to the operator and will be in breach of the Equipment Hire Agreement. Service must only be performed by an authorised Geofabrics service organisation or representative.
- Please contact Geofabrics (0800 60 60 20) for return of this equipment or servicing if it is found to be faulty.
- All hire related documentation, operating and safety instructions are available on our website (www.geofabrics.co.nz).



Figure 1

The Elcorock Filling Frames are intended for suspending 0.75m³ Elcorock containers while being filled with sand by excavators.

This document is intended to provide an outline for the safe use of the Elcorock Filling Frame. Refer to the Elcorock Installation Guidelines for 0.75m³ Containers, for a comprehensive explanation of the recommended installation process.

PRE-OPERATIONAL CONSIDERATIONS

- Before setting up the Elcorock Filling Frame, it is important that you read and understand the Elcorock Installation Guidelines for 0.75m³ Containers and the maintenance and safety precautions outlined below and in the Equipment Hire Agreement document (Use and Maintenance).
- Contact Geofabrics (0800 60 60 20) if you do not understand any of the instructions in this document.
- To operate the Elcorock Filling Frame, operators must be in good physical and mental condition. Do not operate if on medication or under the influence of alcohol or drugs. Seek medical advice if unsure. The filling frame must not be operated by a minor.
- As the filling and installation of Elcorock products is considered a construction activity, the contractor using the hire equipment must prepare and implement a site safety plan that incorporates the safe work methods for high risk work involving Geofabrics equipment.

SAFETY PRECAUTIONS AND WORKING TECHNIQUES

- Because the Elcorock Filling Frames are utilised in conjunction with the operation of large mobile plant and construction equipment, safety precautions must be observed to reduce the risk of personal injury.
- Always use appropriate personal protective equipment such as broad brim hats, safety eye wear with side protectors, sunglasses, sunscreen, high visibility clothing, long sleeve shirts, riggers gloves, steel toe capped boots, etc.
- Establish an exclusion zone of at least two metres around the filling frame when mobile plant is depositing sand into the suspended Elcorock containers.
- Do not use the Elcorock Filling Frame for any application other than its intended purpose.
- Do not abuse the Elcorock Filling Frame in any way which may result in personal injury and/or damage to the equipment.
- Check the condition of the Elcorock Filling Frame and Fixing Ring before each use for any damage. If the behaviour of the filling frame changes, check it immediately and return it to Geofabrics for service if necessary.
- Never modify the provided equipment in any way.

SITE CONDITIONS

- Site specific planning of the layout and logistics regarding filling, storage and placement will reduce OSH risks, enhance productivity and minimize excessive handling or travelling.
- Consideration should also be given to the filling area founding conditions as many installations of Elcorock containers are conducted on comparatively soft sub-grades such as beaches and riverbanks.
- The filling area must be clear of debris, level and stable.

Warning If the works area is not level and base conditions stable, the filling frame could potentially fall over possibly causing injury to personnel/public and/or damage to plant/ equipment.
If ground stability changes due to repeated/prolonged use or changing environmental conditions, cease operations until appropriate remediation works are undertaken to provide on-going stability to the filling frame.

- The Elcorock container filling/placement operation should not be conducted in conditions which could endanger the operator, site personnel or the public.

FILLING PROCESS

- Filling should be conducted as per the Elcorock Installation Guidelines for 0.75m³ Containers.
- Note the following when releasing the sand filled container from the filling frame, by removing the fixing ring with care.

Warning The fixing ring may recoil at head height when loosened.
Safety glasses must be worn at all times when working with the filling frames.

Closure of Containers (Sewing)

- Only sewing machines and sewing yarn supplied by Geofabrics should be used for this operation.
- Refer to the following Geofabrics documents:
 - Sewing Machine Hire Agreement
 - Sewing Machine Operating and Safety Instructions

MAINTENANCE

- To keep the Elcorock Filling Frame performing well in the field, please ensure it is kept clean.
- It is the responsibility of the customer to return the Elcorock Filling Frame in good and clean condition. All damages shall be charged to the customer.
- All routine maintenance and repairs shall be carried out by Geofabrics or its authorised repairer, to ensure the equipment remains reliable.

ELCOROCK FILLING FRAME COMPONENTS

The Elcorock Filling Frame consists of a rigid steel frame (Fig 2) and is accompanied by a fixing ring (Fig 3) for secure attachment of Elcorock containers to the filling frame.

To ensure no parts are lost, all components should be stored and transported as a set, in such a way as not to cause damage to the equipment.



Figure 2



Figure 3

ELCOROCK FILLING FRAME (FIG 2)

- Check the filling frame is not bent or has major dents.

FIXING RING (FIG 3)

- Check the fixing ring is not bent or has major dents.
- Check the fastening hook and chain are attached to the fixing ring.
- Check the fastening hook and chain work and are not damaged.

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