

Specification for the T. Tub Crane liftable Mortar Tub

1. SCOPE:

This standard specifies the requirements for our crane liftable Certified T Tub

2. DEFINITION.

T Tub Mortar Tub: A container that retains its design shape for the purpose of carrying mortar. It is to be used only for carrying Trowel Ready Mortar.

3. DESIGN.

Lifting: The mortar skip should be suitable for lifting by means of a crane or forklift or Teleporter, when used with appropriate certified lifting equipment

Supports: The mortar skip should be supported about its top rim by means of a steel structure.

The mortar skip should be suitable for lifting and travelling about a construction site by means of a crane, forklift or Teleporter.

Residue: The Tub is designed so as not to trap residue old mortar in the body of it.

4. Steel Frame

Manufactured from steel to BS. 1387 grade gun barrel min 2.8mm wall thickness.

Fabrication of Steel Frame

All fabrication of steel components to be completed by Certified welder in accordance with EN 287-1

5. T.Tub Capacity and Tolerance

a. When tested the ambient temperature shall be $15^{\circ}\text{C} \pm 5^{\circ}\text{C}$. The skip shall be filled to overflow (brimful) with water, wait ten minutes fill to overflow, and measure the capacity to an accuracy of $\pm 1\%$.

b. The stated capacity shall be the measured capacity + 15% - 5% stated in litres.

c. The Capacity should be stated as nominal 330Lt

6. Visual inspection

On visual inspection of the skip there should be no bubbles, blisters, or other defects that could cause a hole or fracture.

7. Weight

The weight of the skip, measured with the frame and any attachments, shall not be more than 25kg. Tolerance in these weights shall be +20%, -10%.

8. Load capacity

The load capacity of the skip is 400Kg as max weight to be lifted in this product, the certified load capacity of the skip is 500 kg. for safety reasons and testing.

Testing of Mortar skips shall be as follows:

The skip complete with all its framework and fixings shall be subject to lift tests as follows:

(a) Loaded with weight which equates to 500Kg well distributed.

(b) The temperature at test shall be $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$.

(c) The skip shall be lifted at its recommended lifting points by approved lifting devices.

(d) 200 lifts shall be completed in batches of 25 over a four-hour period.

(e) The skip when fully loaded shall be suspended for a period of 24 hours.

(f) Result:

(i) No failure of skip, frame or any part shall occur.

(ii) The skip when emptied shall return to its original shape within 3 hours and be suitable for re-use

(g) Visual inspection: should be completed on every tub

This test shall be completed on a yearly Basis on one tub randomly selected from stock by independent load Testing House, such as a crane lifting test certification facility.

A certificate to certify the compliance with the above shall be issued by said Independent Test House – This Certificate shall be regarded as “Type Test” and as an indication that all T Tub manufactured to this standard shall comply.