



SITE REQUIREMENTS DRY MORTAR SILO



1. SILO STAND & PLACEMENT

The customer shall provide a level C35 reinforced concrete base having dimensions of not less than 3.5m x 3.5m (8m x 3.5m for two silos) x 125mm deep, flush with the ground to accommodate a gross weight of 35 tons per silo (0.3 N/mm²), consolidated and protected from flooding, subsidence, and a safe distance away from any excavations.

Any alternative surface needs to comply with the above, if in doubt, consult with your structural engineers.

Silo delivery vehicle will require a minimum tipping height clearance of 8.5m. Height of silo after delivery is 7.5m. Clearance from overhead cables or other electrified obstructions must be considered and if in doubt advice and/or permission should be sought from the owner of electrified equipment.

It is strongly recommended, that in the event of a silo being positioned in an area exposed to very high winds or adjacent to a sensitive location such as a school or rail line, the silo is fixed to the concrete base.

Following the silo placement, the customer shall be responsible for the stability of the silo, additionally, if the silo needs spinning on-site it's the responsibility of the customer this is completed safely.

Holcim UK shall NOT be responsible for any loss of damage whatsoever including but not limited to:

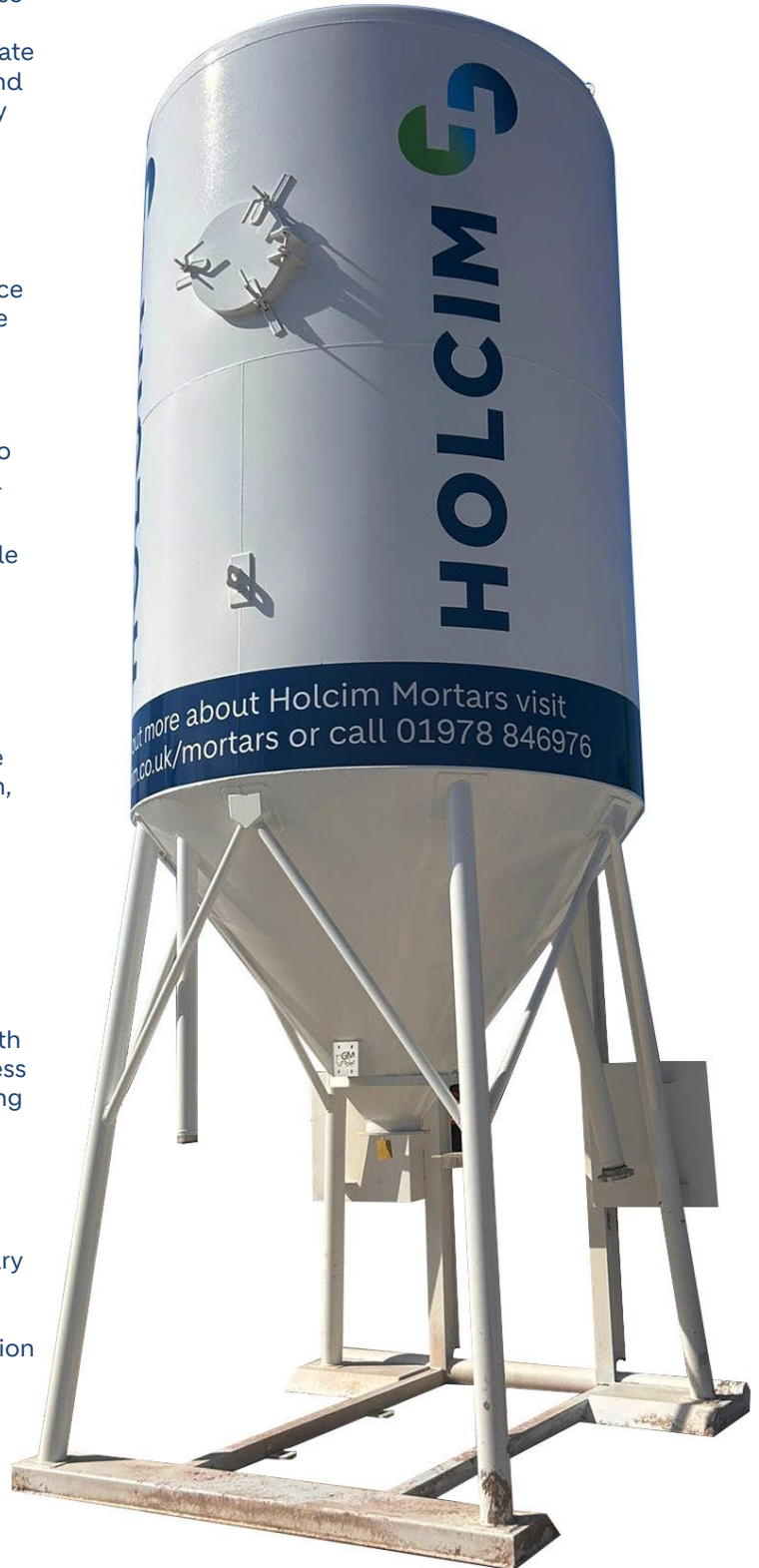
- (a) Failure by the hirer, its employees, or agents to follow the company guidance in respect site requirements, location, or use of the equipment.
- (b) Arising from events, circumstances, or causes beyond Holcim UK's reasonable control.
- (c) Delay in delivery arising from or in connection with the equipment or any part thereof.
- (d) Or arising from any defect in the equipment.

The customer shall provide unobstructed access to the silo with a surface suitable for a 44-tonne articulated vehicle, such access to be no more than 5m from the blow-in point on the silo during the powder delivery.

The risk of loss, theft, damage, or destruction of the Silo shall pass to the customer on delivery. The customer shall take out and maintain insurance against all liabilities they might incur under the contract including liability for death or personal injury arising from the positioning or use of the silo(s). Under no circumstances should the silo be moved, or its orientation changed to reach the final discharge position without permission from Holcim UK, Silo Support Staff MUST be in attendance.

The equipment shall remain at the sole risk of the customer during any period when the equipment is in their possession, custody, or control until the silo is collected by Holcim UK.

Holcim UK reserves the right at any reasonable time to require confirmation that the Customer is complying with its insurance obligations.



Call: 01978 846976

Email: sales.mortar@holcim.co.uk

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2. ELECTRICAL POWER SUPPLY

- (a) Suitable sized, steel-wire armoured cable to isolator on Concrete pad, terminated with 240 Volt 32A blue socket.



3. WATER SUPPLY

Supply to silo must be a minimum of 25 litres per minute flow rate to achieve 1 Bar constant pressure:

- (a) mains water supply via a 25mm blue hard-wearing hose (supplied by customer) connected to stop tap adjacent to the silo.
- (b) or a header tank (min. capacity 700 litres) at least 1500mm above the silo base.
- (c) or a large water bowser (1000 litres capacity suggested), with its outlet at least above* the water inlet on silo.

*Power and Water Supply Hook up is the responsibility of the customer once the silo has been delivered

IMPORTANT

- CUSTOMER TO PROVIDE CABLE (SEE POINT 2).
- WATER BOWSER MUST BE TOTALLY CLEAN BEFORE USE (SEE POINT 3C).
- SILO MUST NOT BE USED UNTIL SITE PERSONNEL HAVE BEEN INDUCTED BY HOLCIM UK (SEE POINT 5 BELOW).

4. NOTICE

A minimum of 14 days notice is required to supply or collect a silo to or from site.

5. TRAINING

A training induction will be provided by Holcim UK on or before the first fill of material into the silo. Only competent trained personnel should operate the silo. If additional training is required this can be provided on request.

6. BREAKDOWN

In the event of a silo breakdown please contact our office on **01978 846976**



SILO DIMENSIONS

MORTAR SILO	DIMENSIONS
Height	7.25m
Diameter	2.5m
Base foot print	6.25m ²
Weight (empty)	3 tonne
Capacity	30 tonne

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