

#### 1. Handling

- Unit Volume / Weight

Unit Ref : 150mm SFBS  
Volume : 0.449 m<sup>3</sup>  
Weight : 1090 kg

- Weight is based on 2,350 kg/m<sup>3</sup>

- Lifting system is by means of 2 no. 100mm long spherical pin anchors rated at 2.5 tonnes with a safety factor of 3.

- Lifting is achieved by use of 2 no. 2.5t rated pin anchor ring clutches or combination ring clutches only and should comply with the Lifting Operation & Lifting Equipment Regulations 1998 (LOLER).

- **Lifting Pin Characteristics**

Anchor Type: T025-100  
Anchor Length : 100mm  
dia : 14mm  
Foot dia : 35mm  
Load Class : 2.5 tonnes

**IMPORTANT NOTE :**

Prior to lifting older / pre-used blocks, check the lifting pins for wear / corrosion and check the block for cracks. If the block is cracked or the pins are worn / damaged, it could fail when lifting.

#### 2. Concrete

- Characteristic 28 day cube strength = 50 N/mm<sup>2</sup> min.
- Concrete is Class A1 Fire Resistant in accordance with clause 4.3.4.4 of EN 13369

#### 3. Manufacture

- Manufactured to : BS EN 13369 : 2013
- Tolerances to : BS EN 13670 : 2009

#### 4. Physical & Chemical Properties

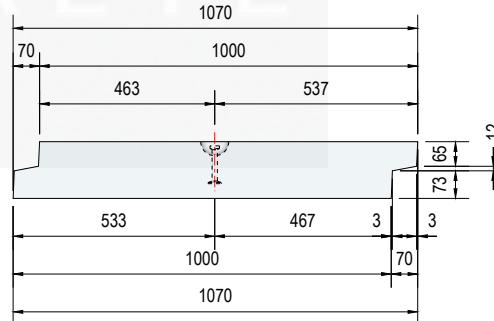
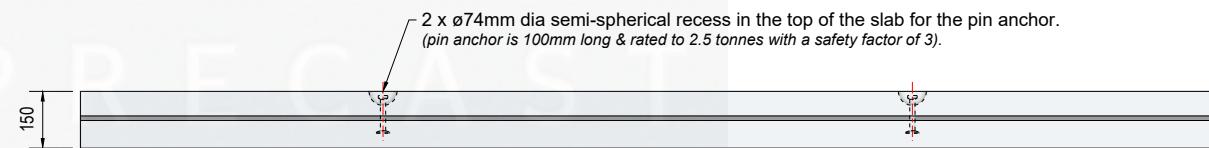
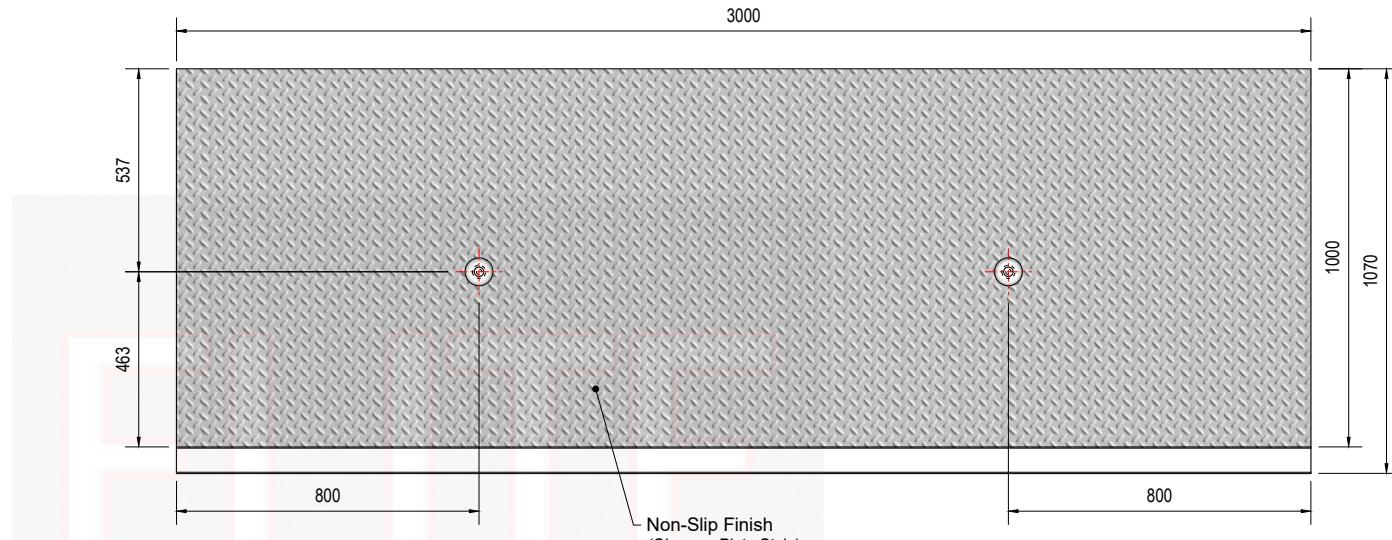
- Appearance : Grey in Colour
- Other Chemical Properties : Not Applicable

#### 5. Design

- Design Life : >100 years

#### 6. Manufacture Tolerances

- Length  $\pm 5$ mm
- Width  $\pm 5$ mm
- Height  $\pm 5$ mm



Customers are responsible for ensuring that the slabs are suitable for use as a Silo Foundation Base Slab and should be installed in conjunction with a suitable granular base. Please take site safety into consideration. The effect of wind loading should be considered and is the responsibility of the customer.

					TITLE					ELITE PRECAST CONCRETE LTD HALESFIELD 9, TELFORD SHROPSHIRE TF7 4QW www.eliteprecast.co.uk								
					Silo Foundation Base Slab - 3.0m x 1.0m x 0.15m Detail Drawing													
O	04.12.23	First Issue.	CTC	PJC	DRN	CTC	CHKD	PJC	DATE	04-12-23	SIZE	A4	SCALE	1:20	DRG	EPC-SFBS-002	REV	O
REV	DATE	REASON FOR ISSUE	DRN	APP														