

1. Handling

- Unit Volume / Weight

Unit Ref : **3.0m UPS**
 Volume : **0.449 m³**
 Weight : **1090 kg**

- Weight is based on 2,350 kg/m³
- 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 4 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/mm² 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

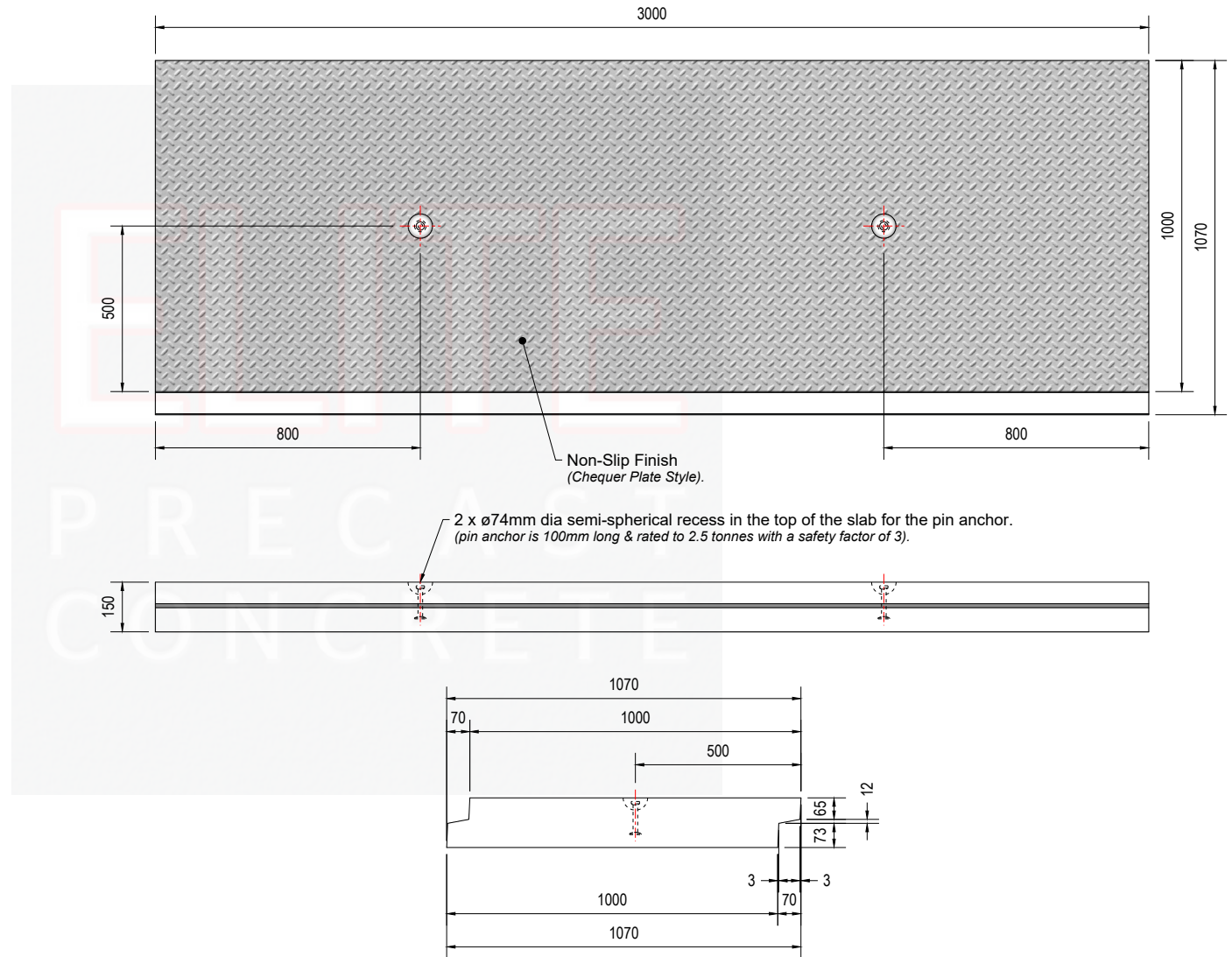
- Appearance : Grey in Colour
- Other Chemical Properties : Not Applicable

5. Design

- Design Life : **>100 years**

6. Manufacture Tolerances

- Length **±5mm**
- Width **±5mm**
- Height **±5mm**



					TITLE	Elite Utility Protection Slab - 3.0m Detail Drawing			ELITE PRECAST CONCRETE LTD HALESFIELD 9, TELFORD SHROPSHIRE TF7 4QW www.eiiteprecast.co.uk													
O	30.07.22	First Issue.	CTC	RMD																		
REV	DATE	REASON FOR ISSUE	DRN	APP					DRN	CTC	CHKD	RMD	DATE	30-07-22	SIZE	A4	SCALE	1:20	DRG	EPC-UPS-003	REV	O