

### 1. Handling

- Unit Volume / Weight

Unit Ref : 3.5m UPS  
Volume : 0.525 m<sup>3</sup>  
Weight : 1270 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 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/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

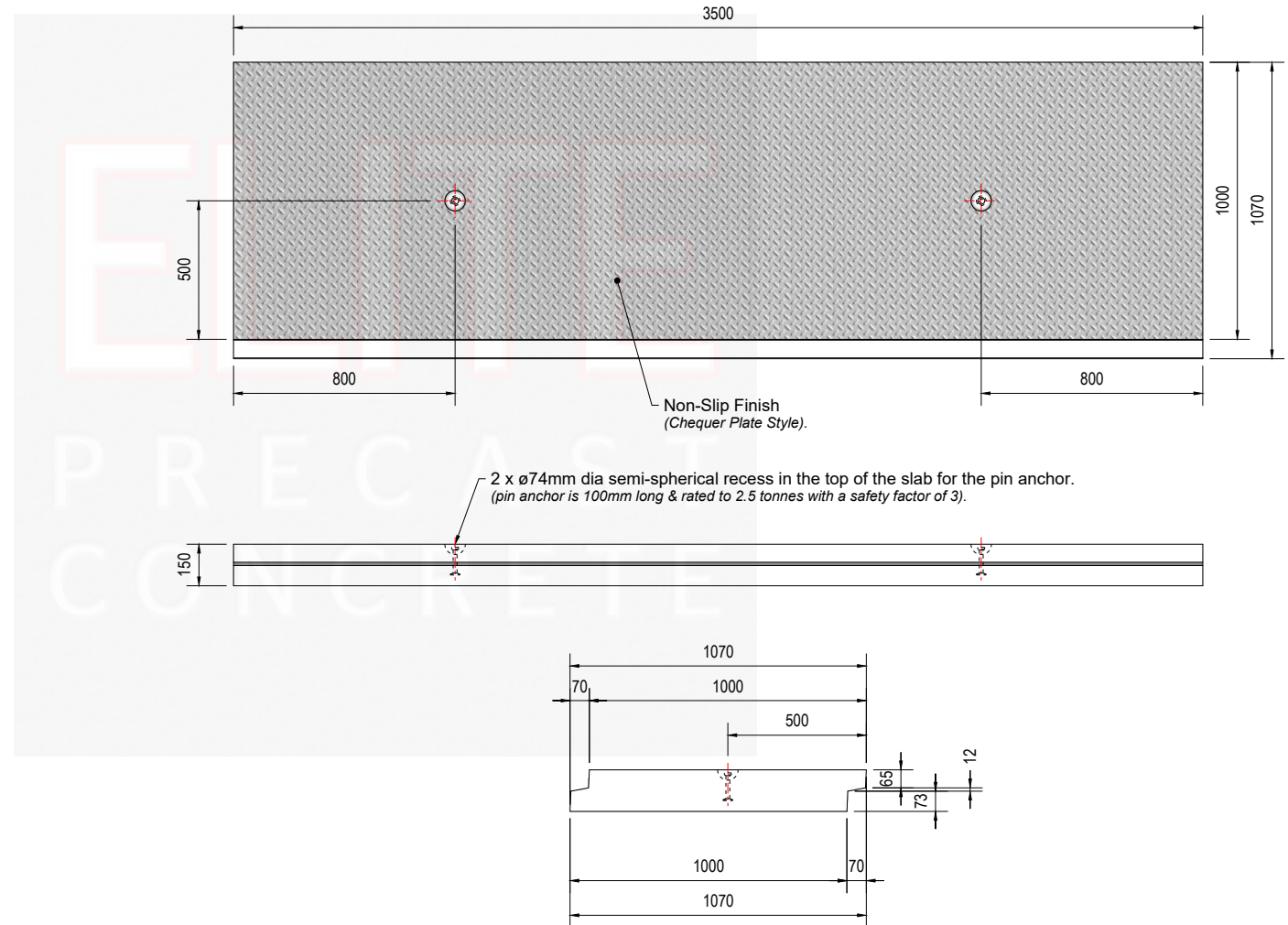
- Appearance : Grey in Colour
- Other Chemical Properties : Not Applicable

### 5. Design

- Design Life : >100 years

### 6. Manufacture Tolerances

- Length : ±5mm
- Width : ±5mm
- Height : ±5mm



|     |          |                  |     |     |       |  |  |  |                                                        |  |  |  |                                                                                                     |  |  |  |                              |  |
|-----|----------|------------------|-----|-----|-------|--|--|--|--------------------------------------------------------|--|--|--|-----------------------------------------------------------------------------------------------------|--|--|--|------------------------------|--|
|     |          |                  |     |     | TITLE |  |  |  | Elite Utility Protection Slab - 3.5m<br>Detail Drawing |  |  |  | ELITE PRECAST CONCRETE LTD<br>HALESFIELD 9, TELFORD<br>SHROPSHIRE TF7 4QW<br>www.eliteprecast.co.uk |  |  |  | ELITE<br>PRECAST<br>CONCRETE |  |
| O   | 27.10.23 | First Issue.     | CTC | RMD |       |  |  |  |                                                        |  |  |  |                                                                                                     |  |  |  |                              |  |
| REV | DATE     | REASON FOR ISSUE | DRN | APP |       |  |  |  |                                                        |  |  |  |                                                                                                     |  |  |  |                              |  |