



Aluminium 'C' Frame Access Cover Set

GUIDELINES for ROADWAY INSTALLATION Class D

Standards: Access Cover Set: AS 3996:2019 Class E- Roadway Load Strength, equivalent to
 Access Cover Set: BS EN124:1994 Class D- Roadway Load Strength

Roadway Installation

1. Place the frame at the required height so that the cover set frame will be flush with the finished ground level. Sika Roadway cover sets can be set at any angle to the traffic direction.
2. Roadway excavation material must be removed from the site. Backfill chambers with mechanically compacted layers of hard fill.
3. The minimum concrete support collar is 300 x 250 mm. Use minimum concrete strength 25 MPa at 28 Days complete with Sika Reinforcing Steel Kit Set.

The cover set cannot comply with the 210 kN loading required by AS:3996 Standards without the correct concrete support. The distribution of concrete under the load bearing face of the frame must be complete (no voids). Use a portable concrete vibrator.

4. Remove all debris from the frame seating area before installing the cover(s) and any support beams.

Ensure all Latches are in the Closed position. Ref Fig 1.
 Replace dust cover.

Fig 1- Latch Operation

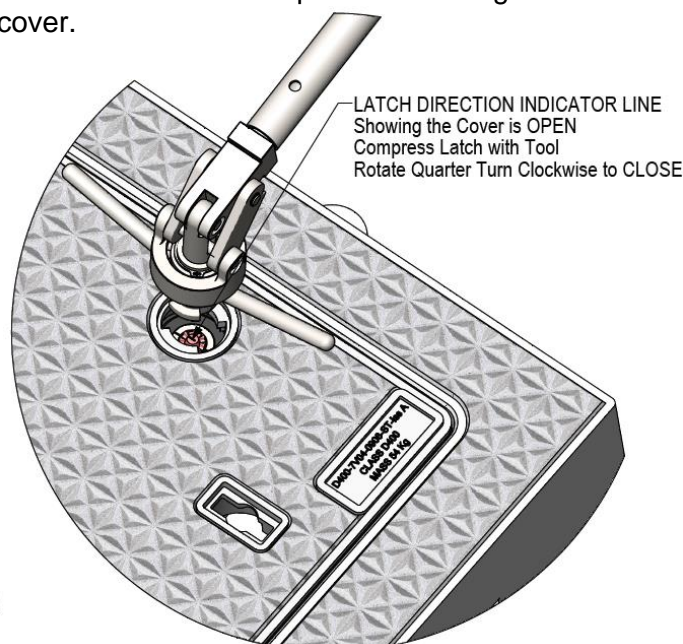


Fig 2- Typical New Concrete Roof Installation

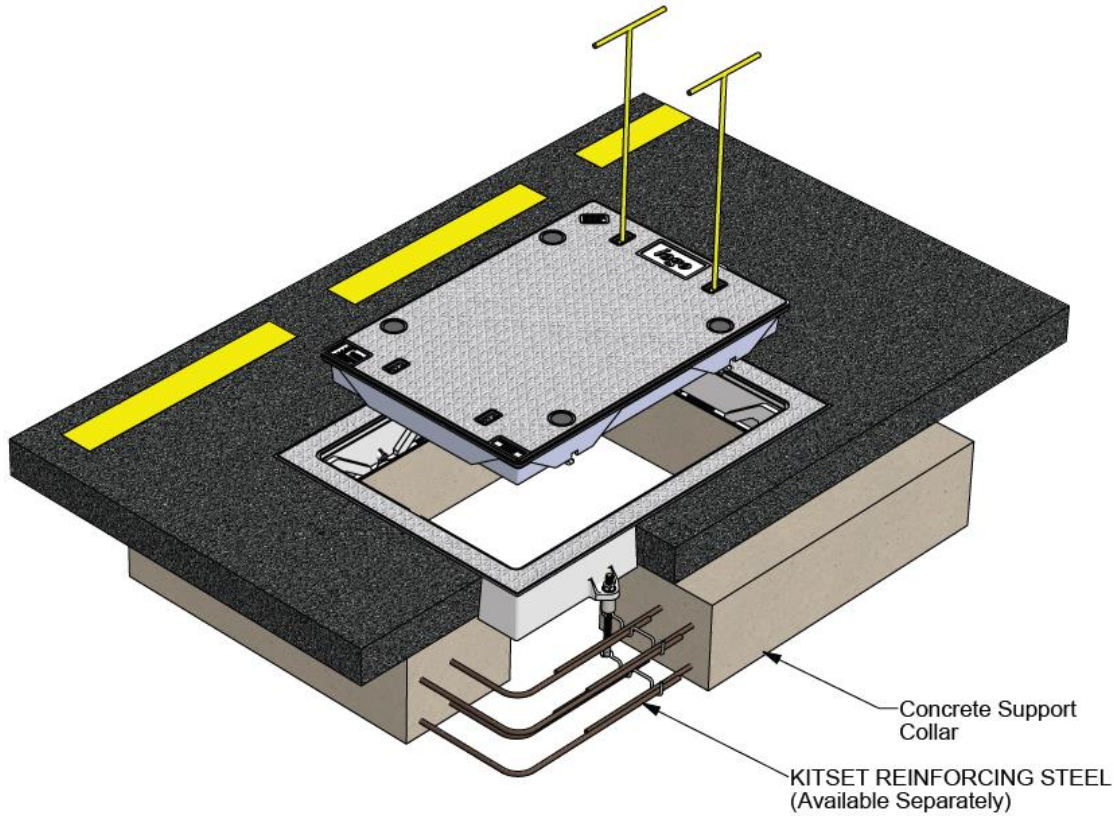
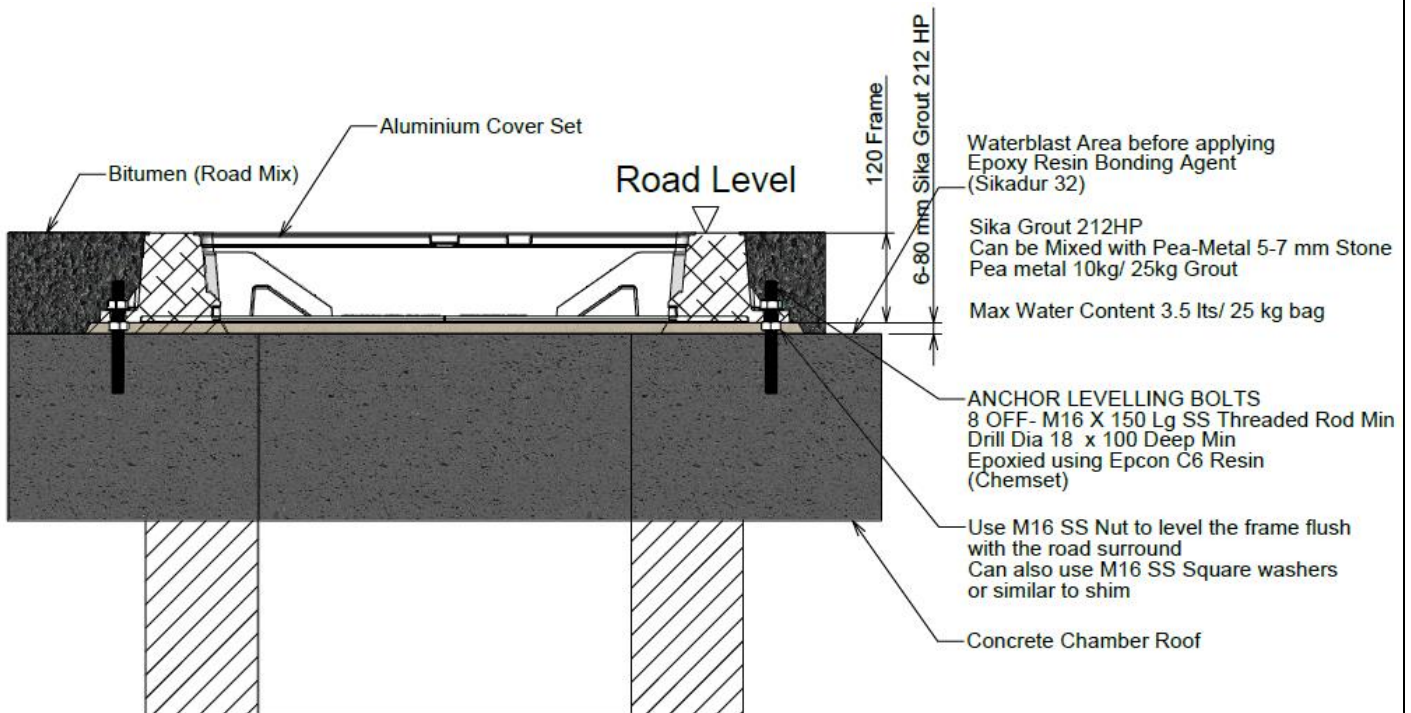


Fig 3- Typical Retro Concrete Roof Installation



Note: Covers MUST be locked in place immediately after Grouting to avoid any distortion during the curing cycle.

Roadway D210kN Cover Set Concrete Chamber Roof 'C' Frame Shallow Installation