

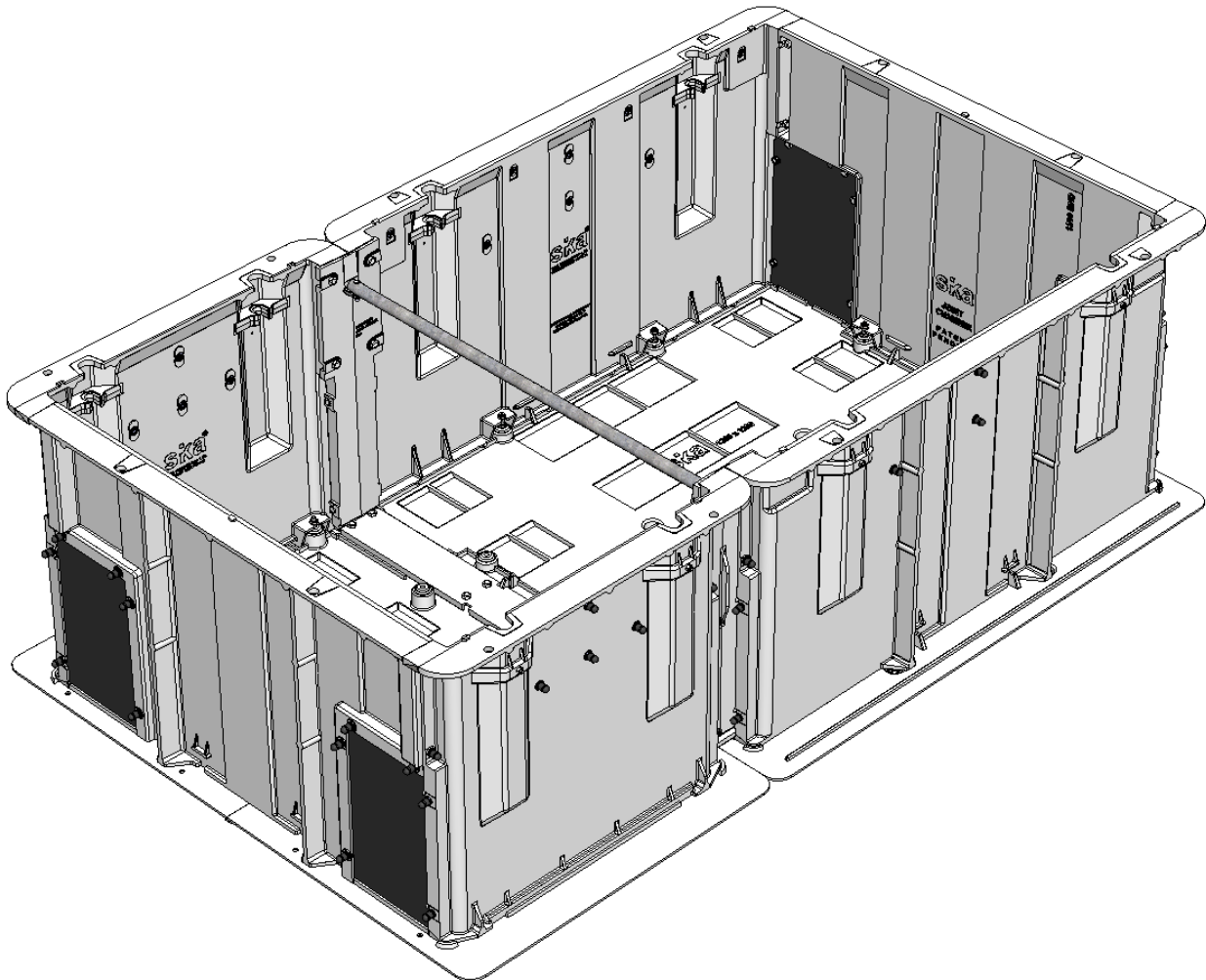


Modular Aluminium Jointing Chamber 2100 x 1200 x 700 / 900H

ASSEMBLY INSTRUCTIONS

Chamber Rating: CLASS D - 210kN - AS3996:2006

Sika 'Chambers' are used for both Pathway & Roadway Installations



Chamber 2100 x 1200 x 700H



1. Place the two 700mm and the two 1200mm **chamber bases** side to side on a flat area adjoining the pit or on a prepared bed of imported material in the excavated pit. Note the “1200 x 1200” scripts and “2100 x 1200” scripts will be face up.

Join the two 700mm **chamber bases** with two **base joiner tabs** and apply 4 – M10 bolts and washers, and tighten. Then join the two 1200mm **chamber bases** with the remaining four **base joiner tabs** and apply 8 – M10 bolts and washers, and tighten.

Place the joined 700mm **chamber bases** and the joined 1200mm **chamber bases** end to end, then join the two sets of **chamber bases** using the **base joiner 1200** and apply 8 – M10 x 40 bolts and washers, and tighten. Note the ends to be joined by the **base joiner 1200** do not have any **chamber base studs** protruding.

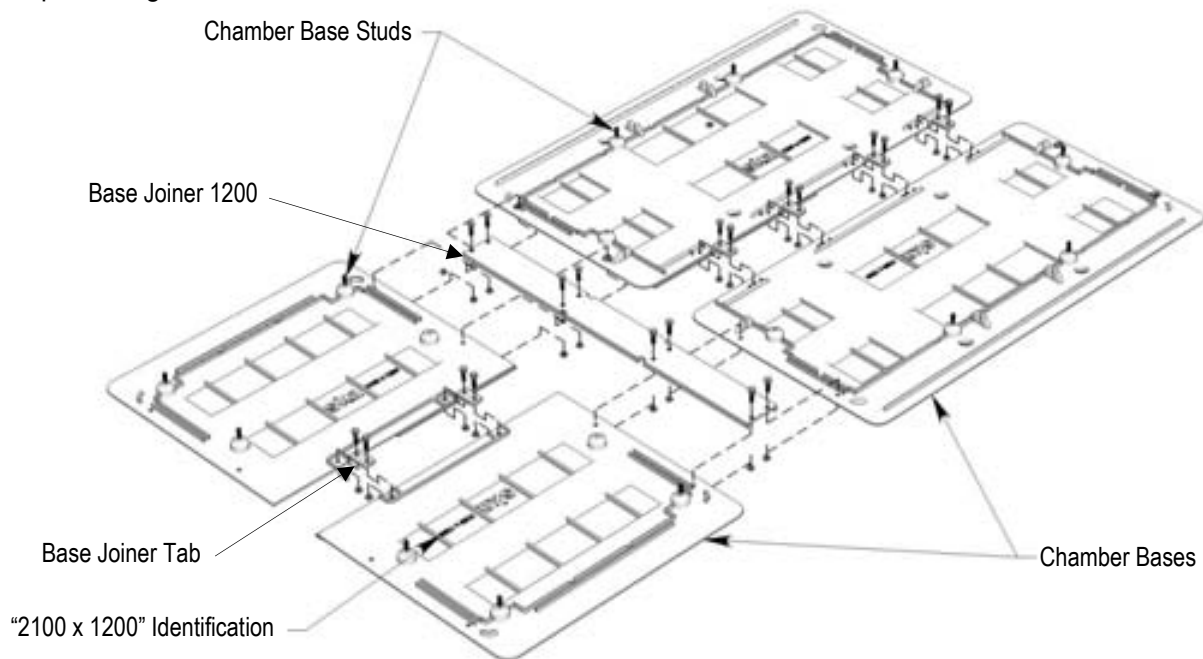


Fig 1

2. The **chamber base** may be assembled around existing duct work. Ref Fig 2

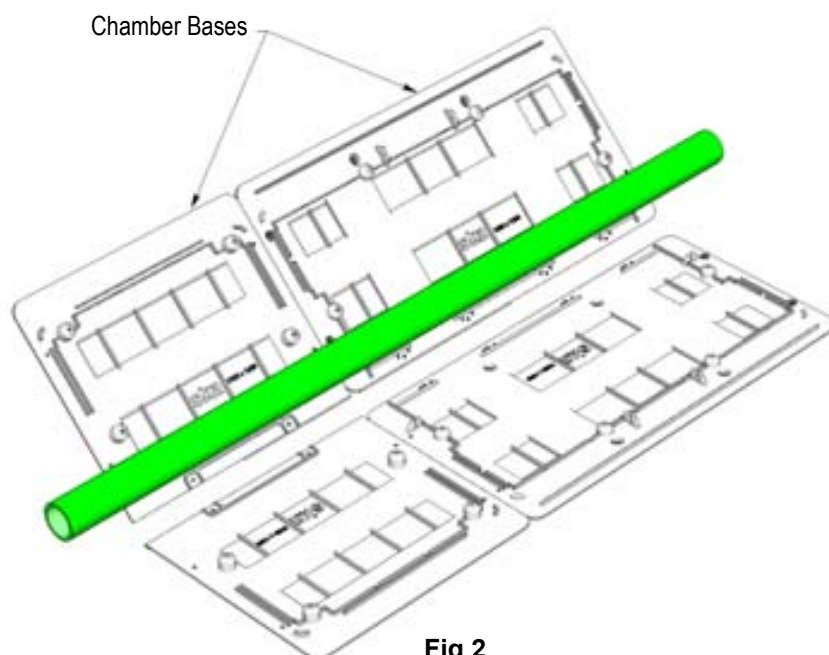
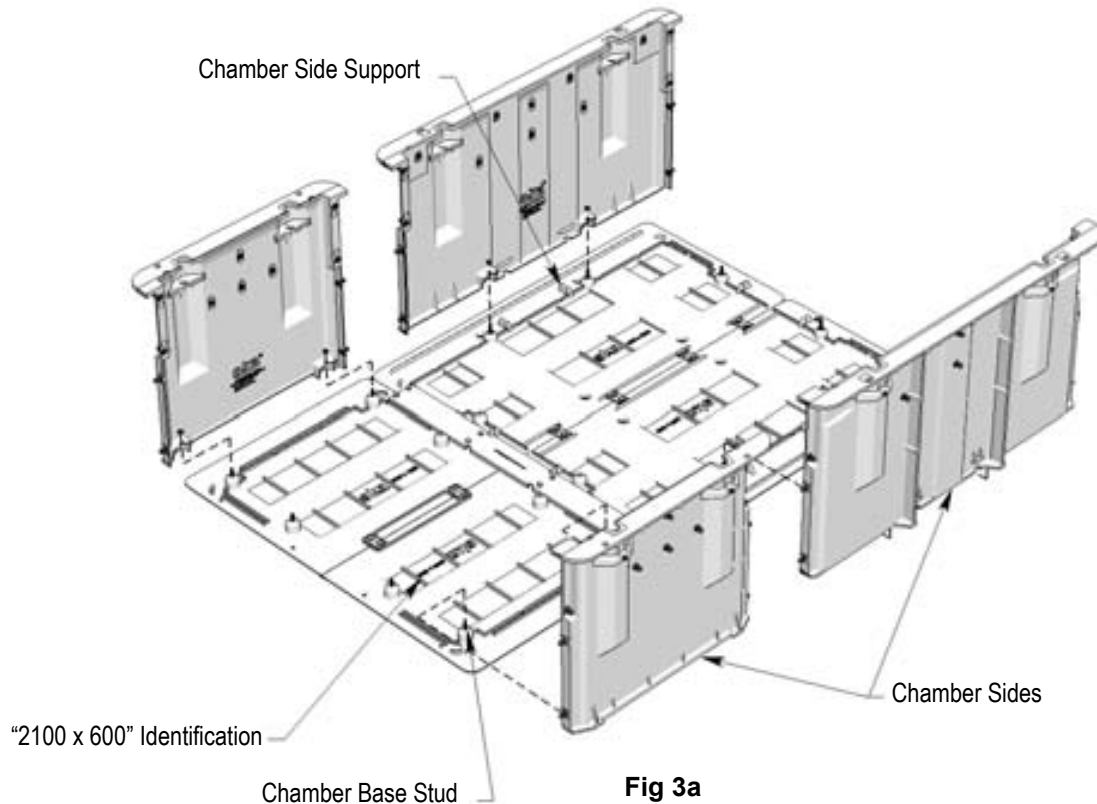


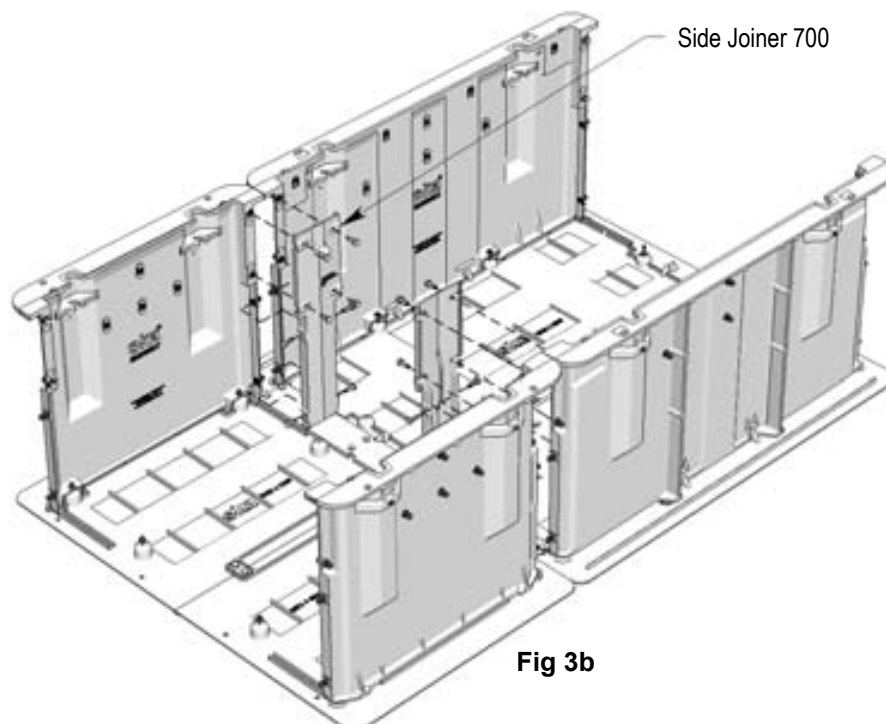
Fig 2

3. Remove the plastic tubes protecting the 8 – M10 studs protruding from the **chamber base** and place the 2 – 1200 and 2 – 700 **chamber sides** into place.

Insert the four **chamber sides** into the appropriately marked positions on the **chamber base**. **Chamber side supports** cast into the **chamber base** will hold the **chamber sides** vertical until the 8 – M10 nuts and washers are applied to hold them down. *(Do not tighten these yet.)*



Add the two **side joiners 700** adjacent to the **base joiner 1200** using 16 – M10 x 30 bolts and washers.



4. Remove the plastic tubes protecting the 4 – M10 studs protruding from the **chamber base** and place the two **chamber ends 1200** into place.

Insert the two **chamber ends** into the appropriately marked positions on the **chamber base** and secure them to the **chamber base** and **chamber sides** with the 12 – M10 x 30 bolts and washers.

(Now tighten all the aforementioned fixings)

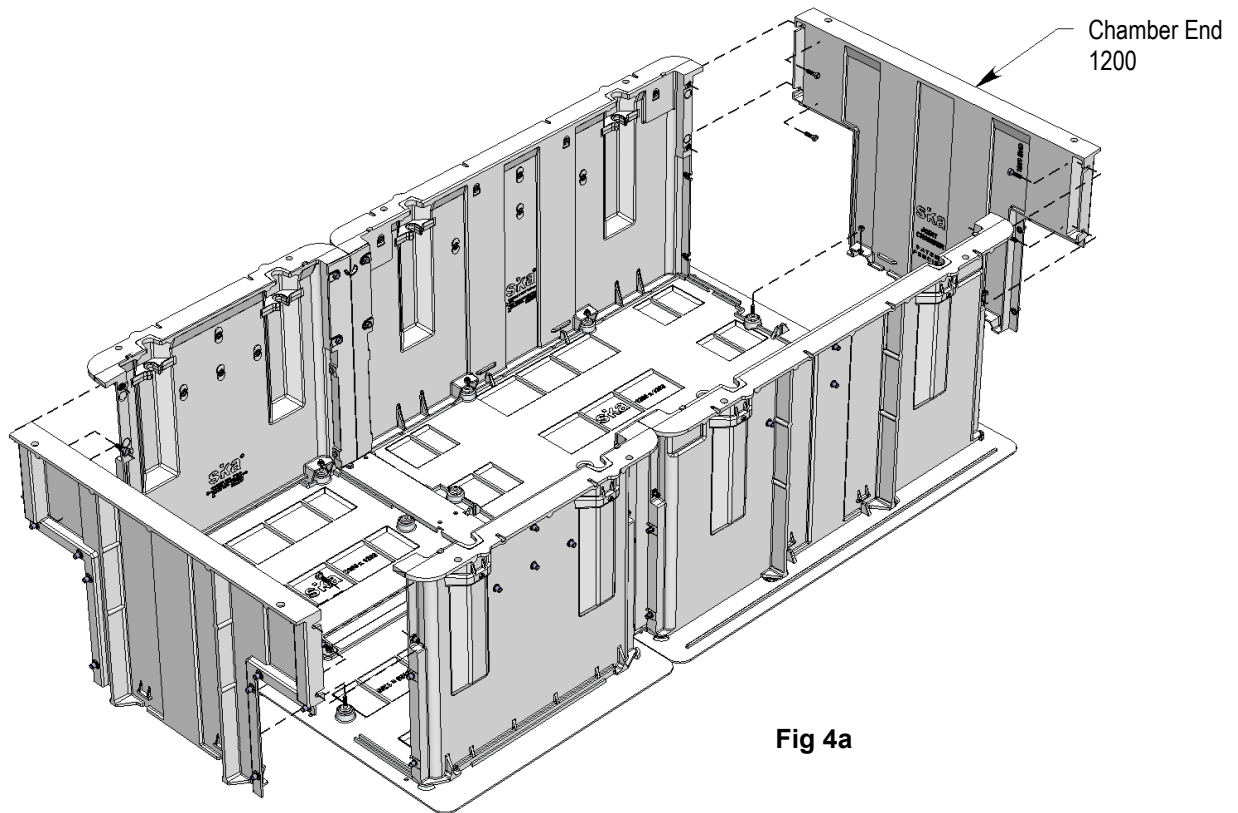


Fig 4a

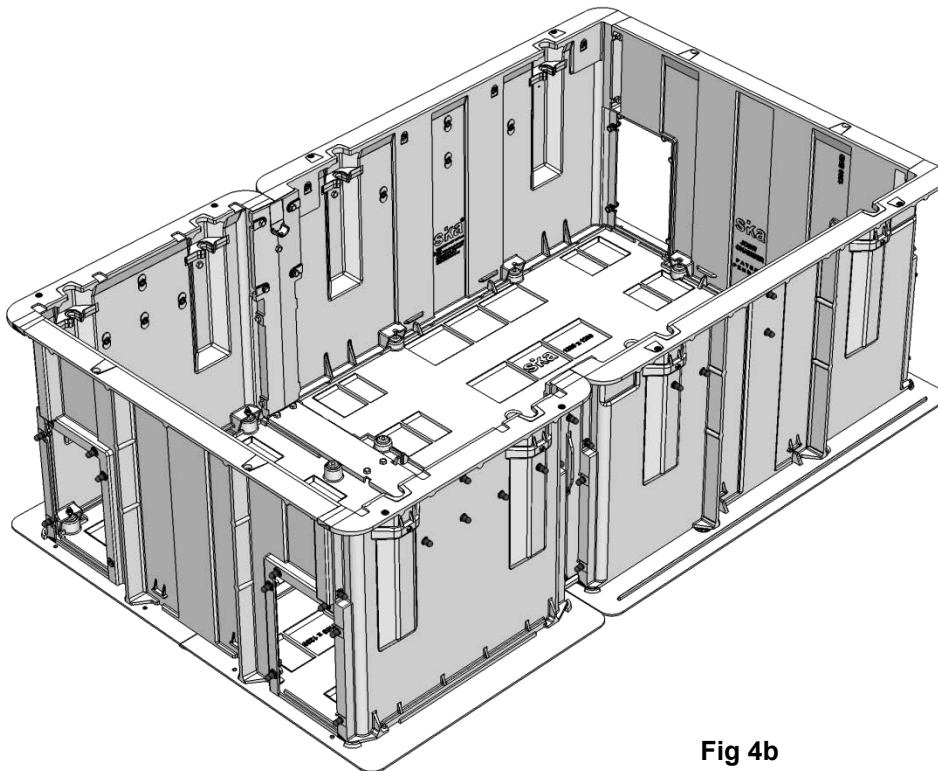


Fig 4b

5. Apply the four polypropylene **duct entry panels** to each end recess and secure each one with 6 - M10 x 30 bolts and washers supplied.

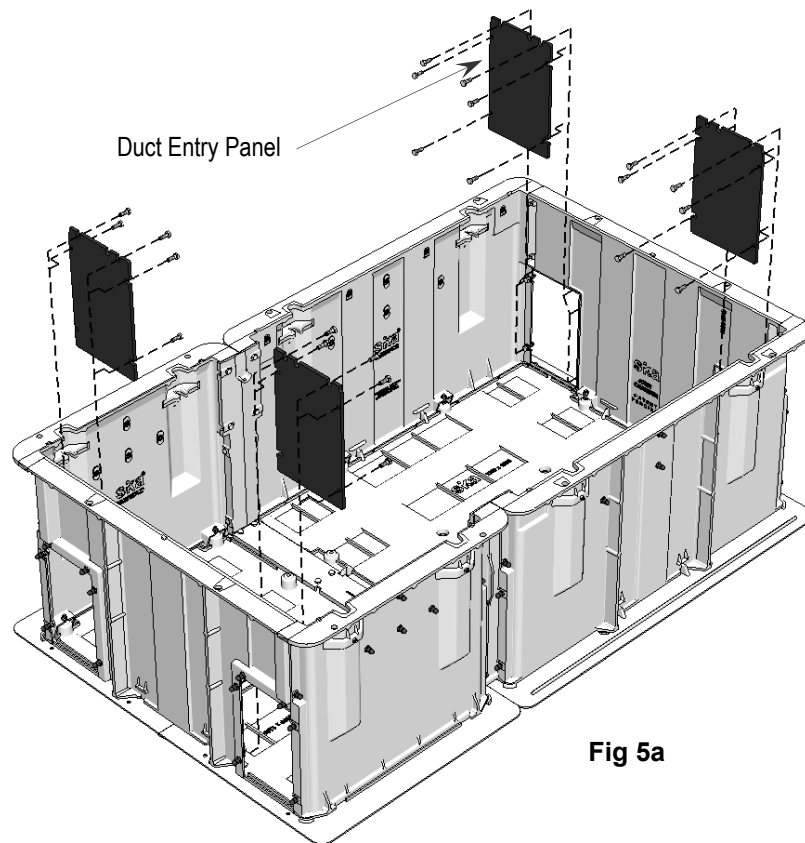


Fig 5a

Align and fit the **chamber spreader 1200** in place between the two **side joiners 700**. Ref Fig 5b

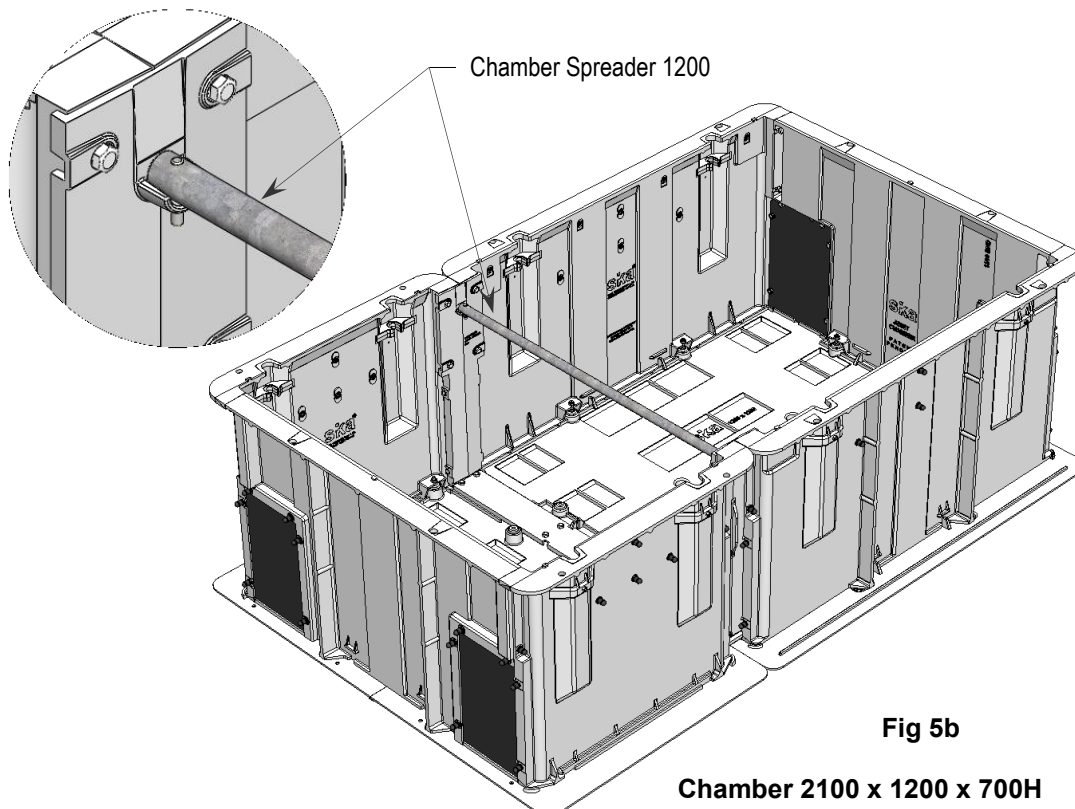
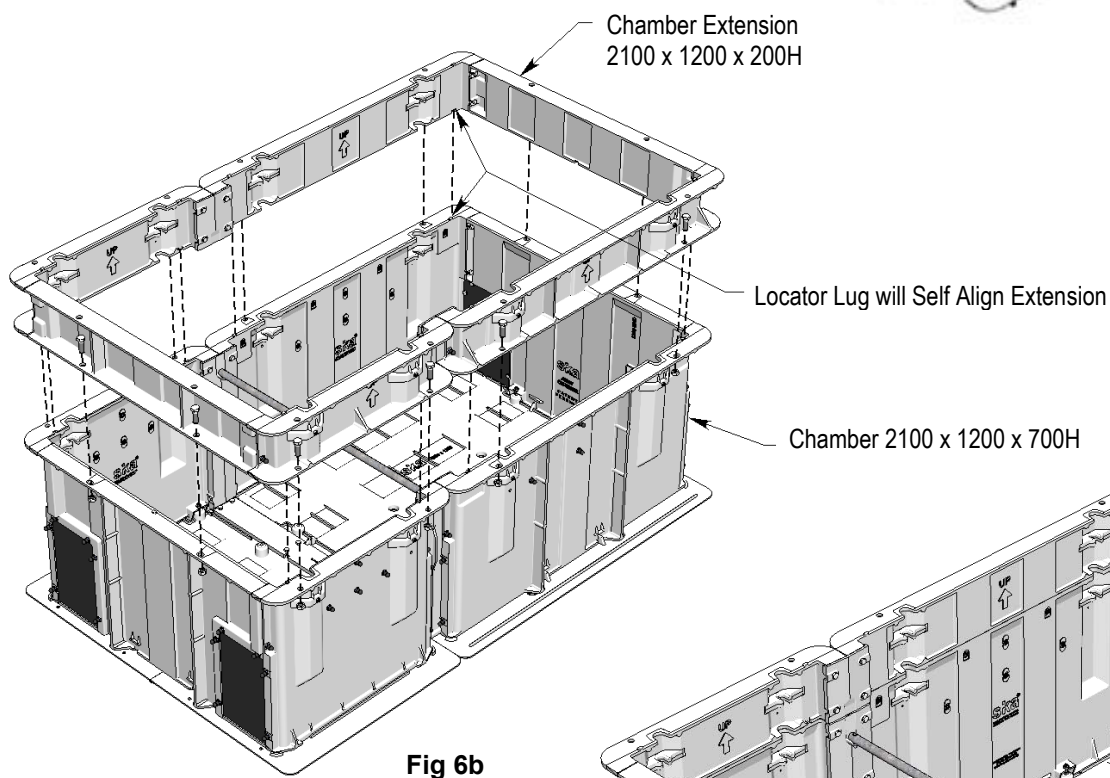
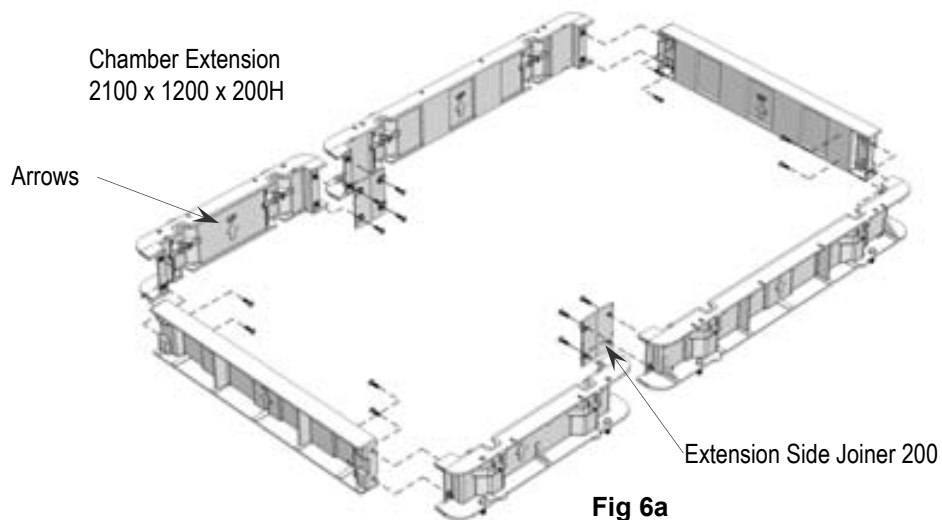


Fig 5b

Chamber 2100 x 1200 x 700H

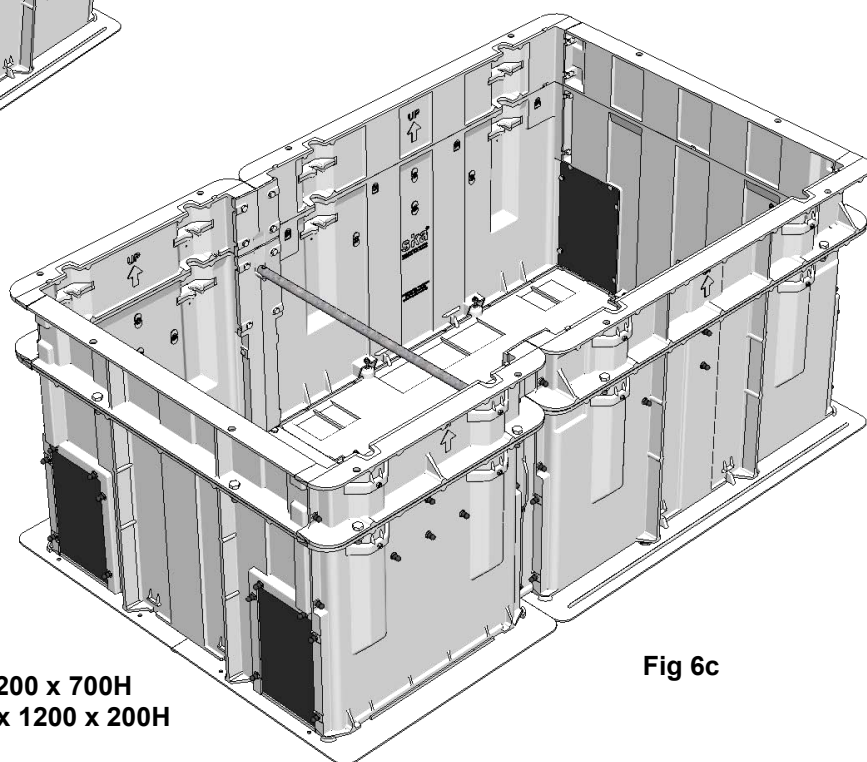
Chamber Extension 200mm

6. Assemble **chamber extension** as per Fig 6a using the **extension side joiners 200** and 16 – M10 x 30 bolts and washers supplied. Place on top of chamber flange. See arrows for right way up.



Bolt assembled **chamber extension** to the chamber with the 12 – M16x40 bolts, nuts and spring washers supplied.

**Chamber 2100 x 1200 x 700H
& Extension 2100 x 1200 x 200H**



Chamber Accessories

Cable Support & Protection Options

