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Please read and understand this installation guide fully before attempting to install the product.

Always allow new screeds to fully dry before applying the final finish of waterproofing and tiles.
Further guidance can be found in BS 8204 or BS 5385-3:2007

Please follow all installation guides supplied with the Linear drain and waterproofing systems.

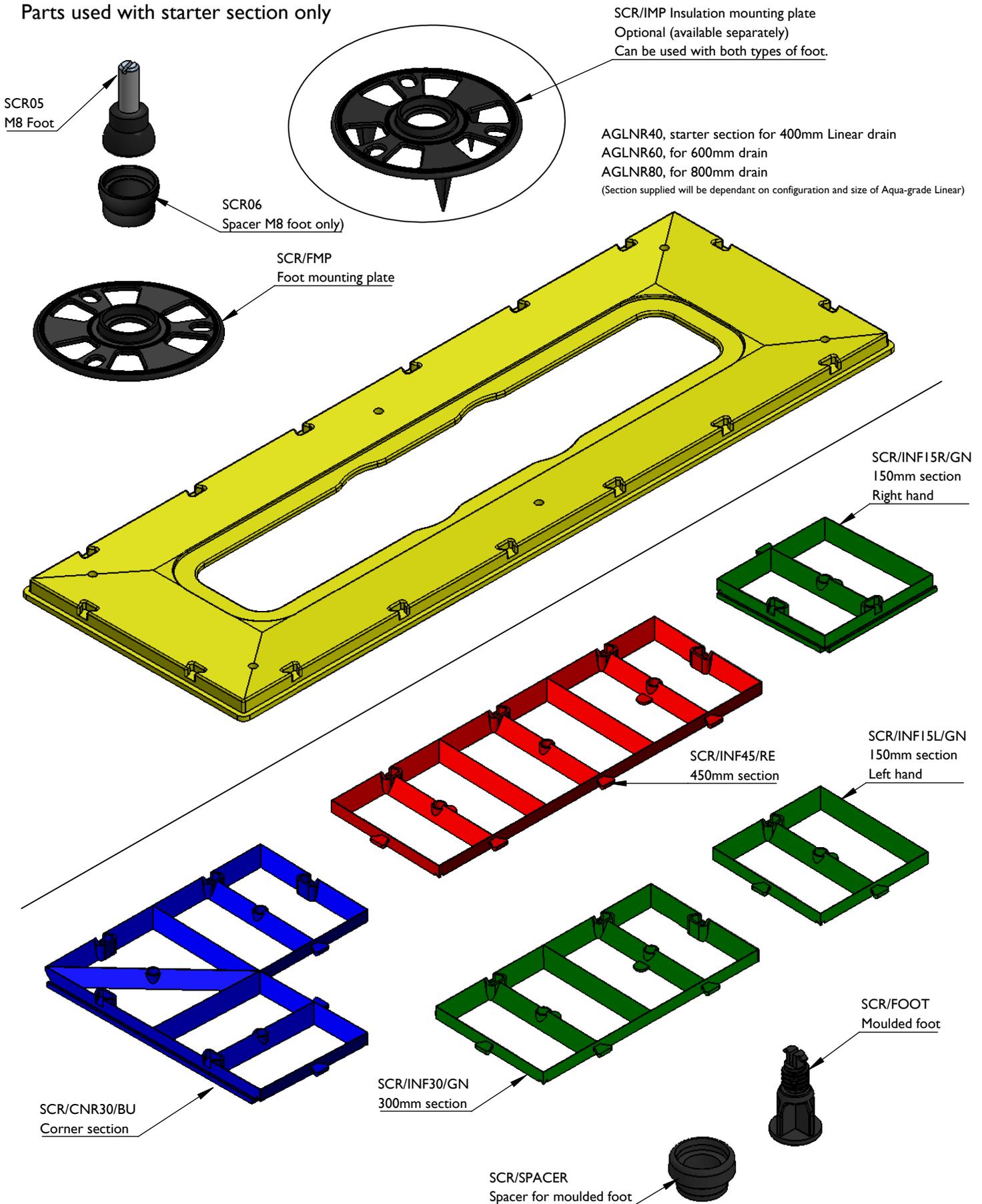
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If you require any further information about this product please contact our technical team on: 01460 258 682

- **SAFETY**

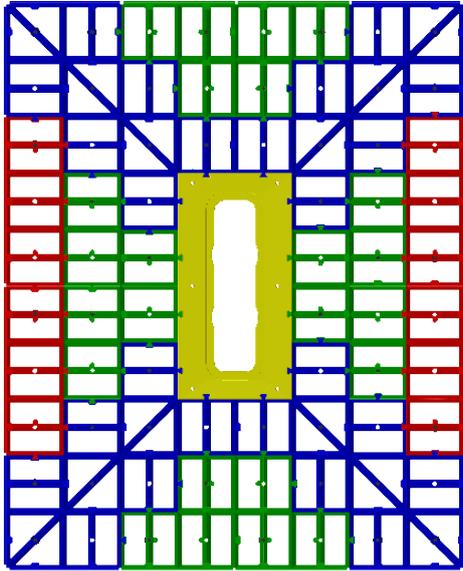
- Please read these installation instructions carefully before proceeding.
- Keep guide for future reference.
- Incorrect installation will invalidate the guarantee.
- Make sure there are no hidden pipes or cables in the floor or walls where you intend to drill.
- Wear safety goggles, shoes and appropriate clothing.

Parts used with starter section only

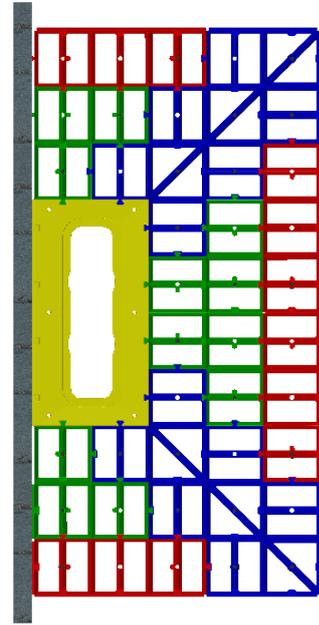


Main assembly parts

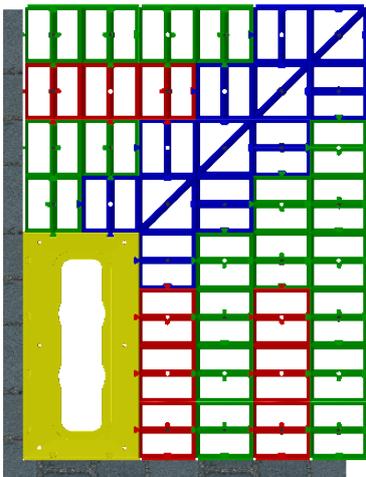
The Aqua-grade Linear may be arranged in a wide range of sizes and configurations, use this section to familiarise yourself with the 4 main types.



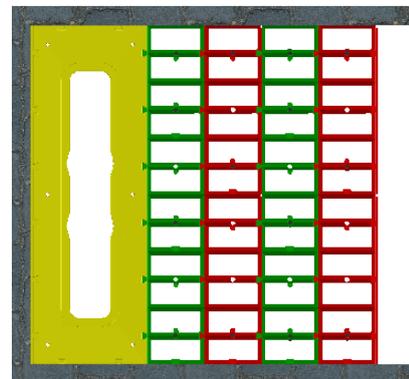
0 Walls required, 4 falls of gradient



1 Wall required, 3 falls of gradient

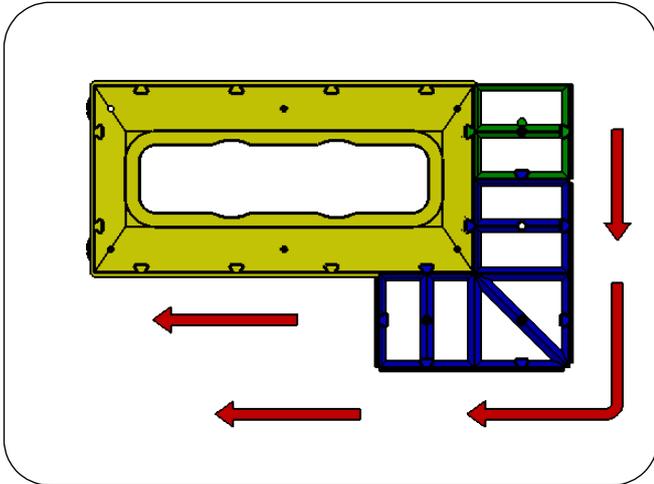


2 Walls required, 2 falls of gradient

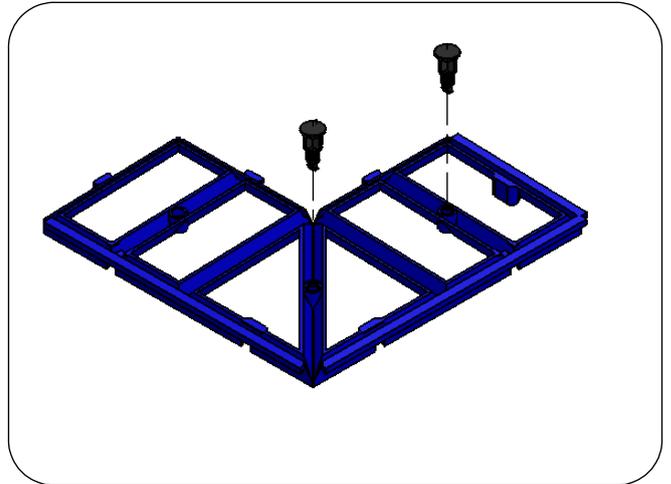


3 Walls required, 1 fall of gradient

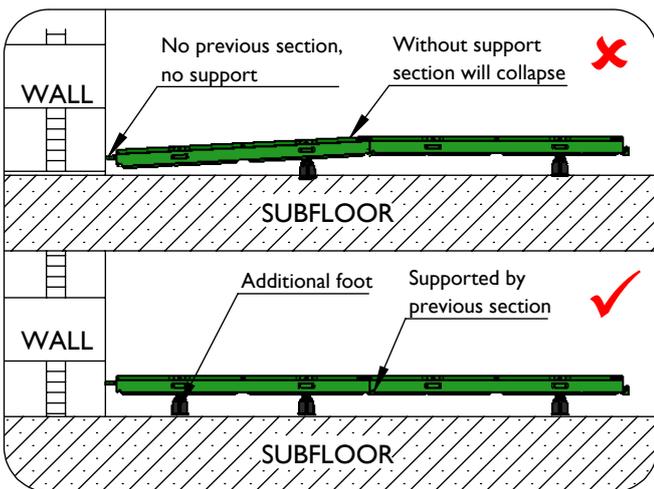
This section is an introduction to the basic installation and assembly rules for Aqua-grade Linear. It is important that you have read and understand these requirements before commencing installation.



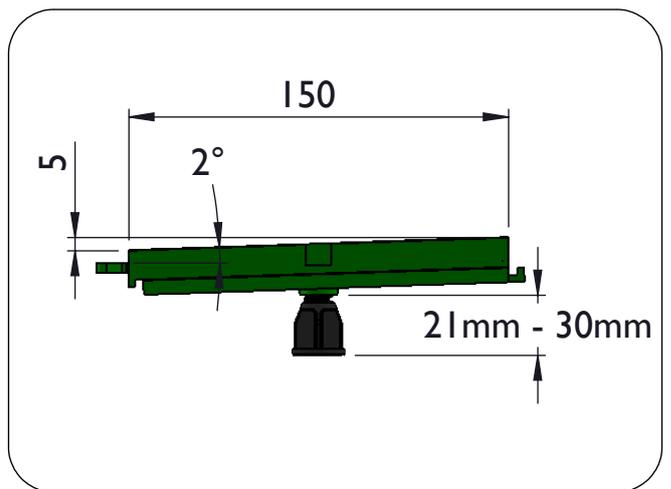
Always work in a clockwise or right to left direction when assembling.



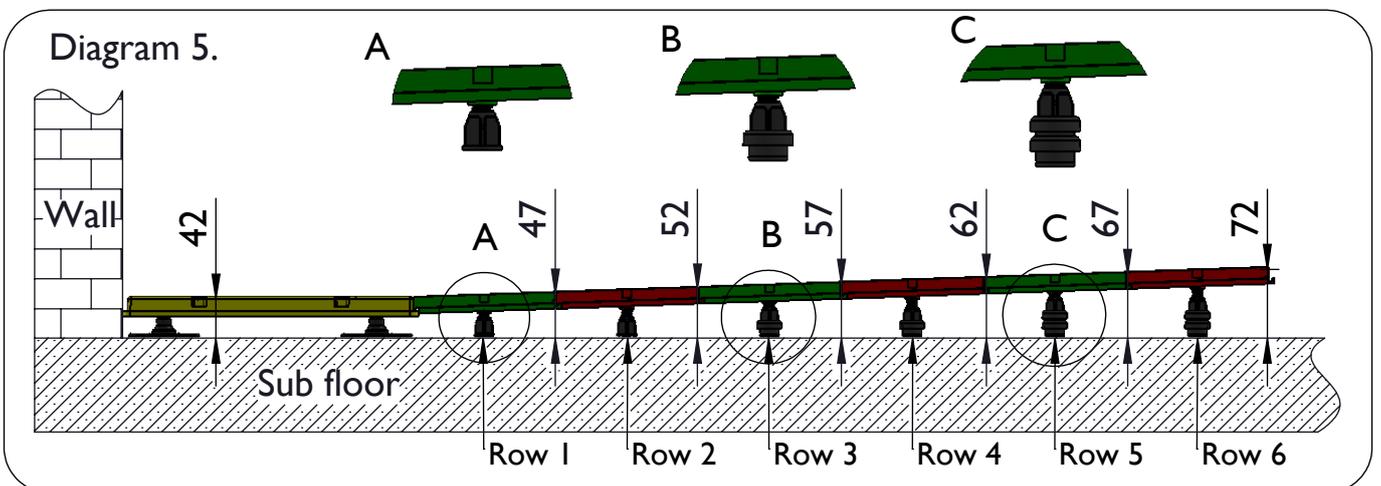
The blue corner section must always have 2 feet fitted.



When using configurations that start from a wall it is important that 2 feet are fitted to the first section to support the section properly. (excludes SCR15L and SCR15R parts)

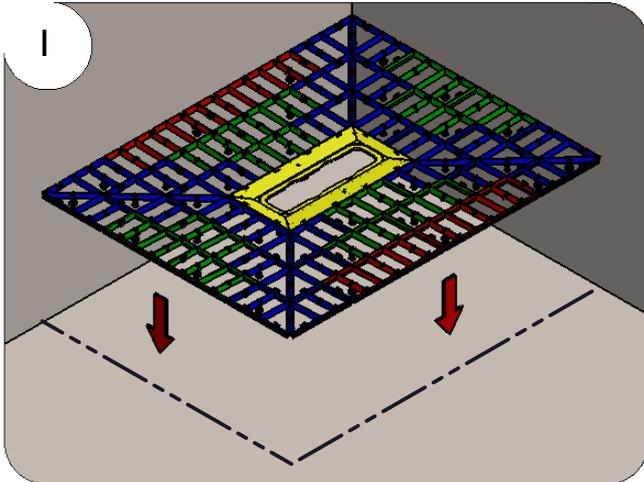


All parts have gradient slope built in, **you do not need to adjust the feet to add gradient only to adjust height.** Using these dimension it is possible to calculate the overall approximate finished depth required to install.

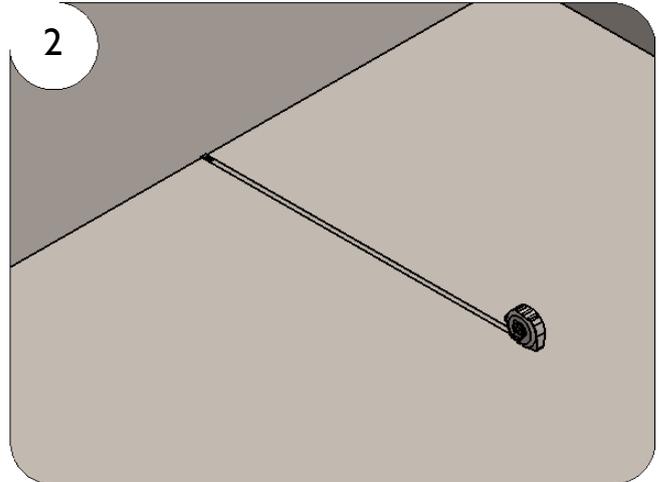


As more rows are added the adjustable feet will need to have spacers added to ensure correct gradient and levels are maintained. The general rule is to add 1 spacer to each foot for every 2 rows that are added. (see above). Extra spacers are supplied to help with subfloors that are very uneven or not level.

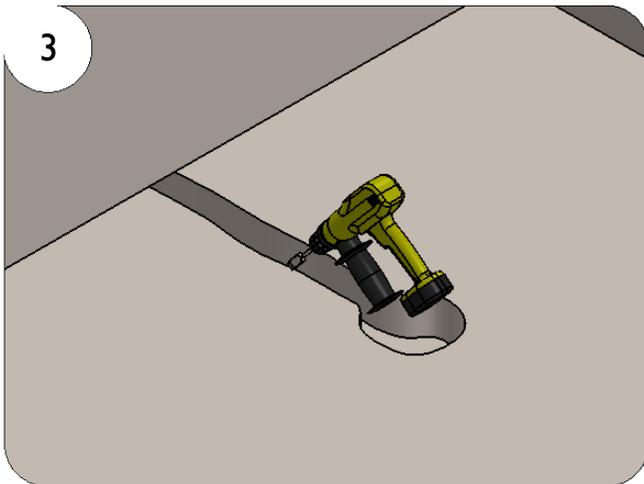
This section covers parts of the installation that are common to all configuration types. Please see section 5 and follow the relevant stages that are applicable to the type you are installing.



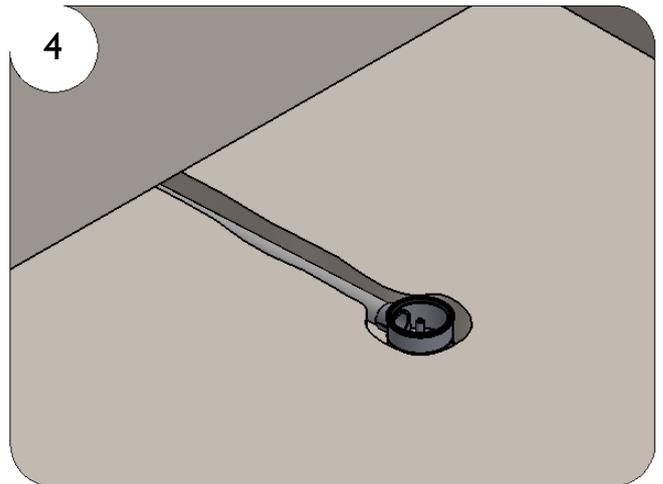
1 Determine where the Aqua-grade linear will be installed. (if the product is being installed into an existing floor the screed will need to be excavated first.)



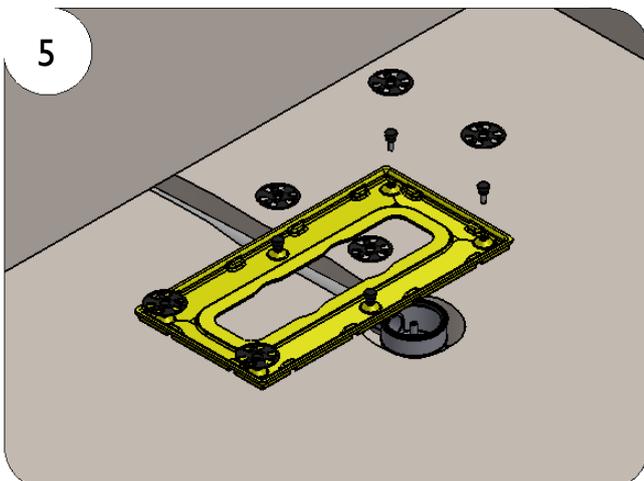
2 Measure out and mark the position of the waste pipe and gully.



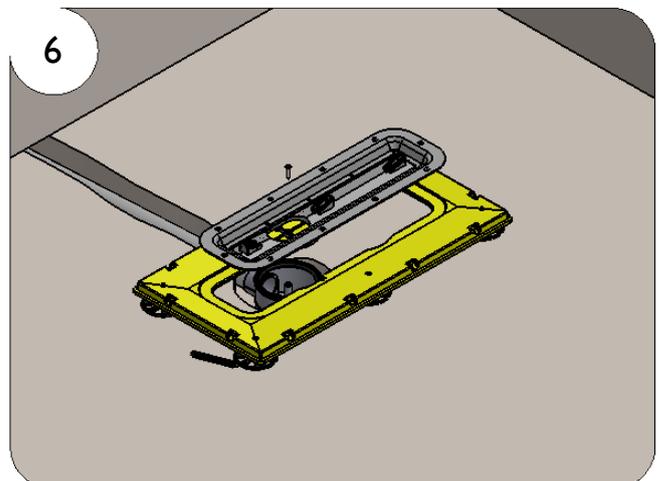
3 Using appropriate tools, excavate enough concrete to allow the waste to be fitted.



4 Install the gully and waste pipe in an approved manner.



5 Take the yellow starter section and screw in the levelling feet. Then clip the feet mounting plates onto levelling feet.



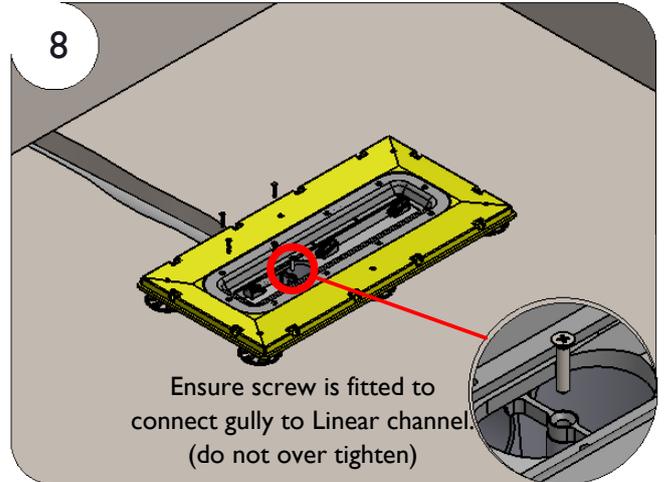
6 Position the starter section correctly and mark the position of the mounting plates. Temporarily place the drain channel into the starter section and connect the waste to ensure correct positioning.

This section covers parts of the installation that are common to all configuration types. Please see section 5 and follow the relevant stages that are applicable to the type you are installing.



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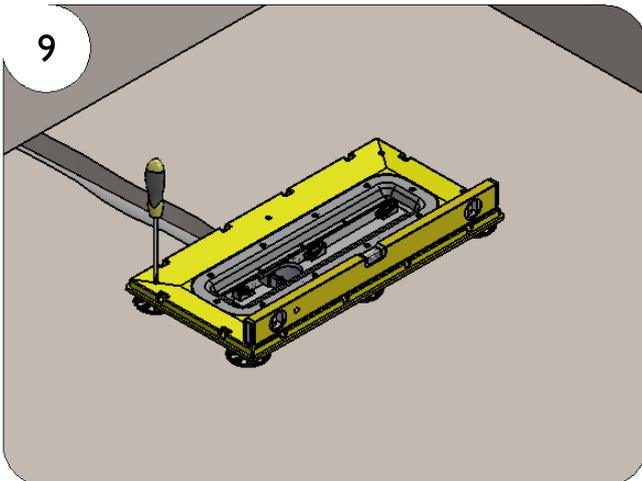
Remove the mounting plates from the feet, drill and fix them to the sub floor to secure them in position.



8

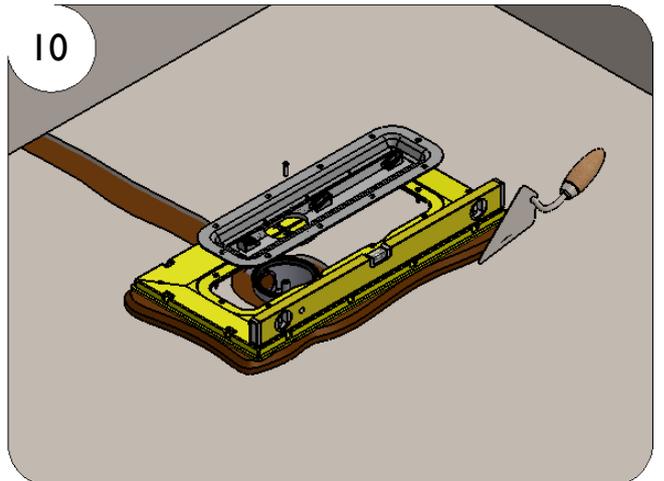
Ensure screw is fitted to connect gully to Linear channel (do not over tighten)

Reposition the starter section and clip into the mounting plates. Place the Linear channel into the starter section, drill and fix in place. (also see drain assembly guide)



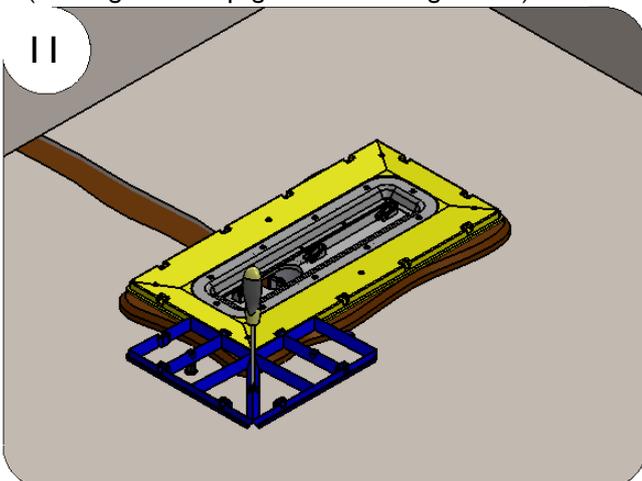
9

Using a screwdriver and spirit level adjust the levelling feet until all outside edges are level. Ensure the height is set correctly at this stage also. (see diagram 5 on page 4 for further guidance)



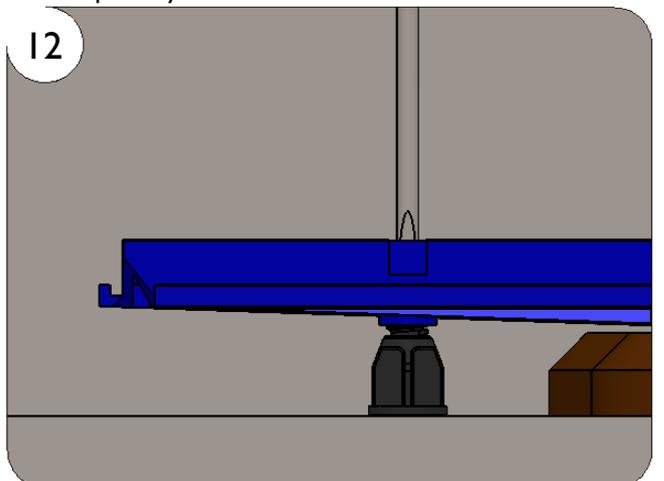
10

At this stage we recommend that the waste pipe is buried and the the starter section is bedded. This can be done by pushing sand/cement under the section. It may be preferred to temporarily remove the linear channel to do this.



11

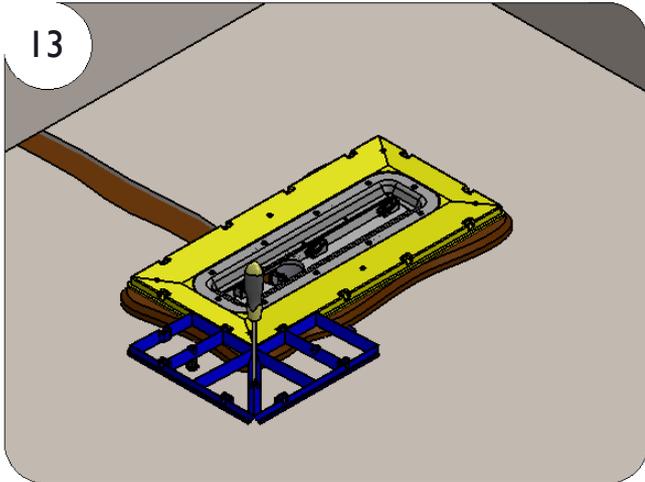
Begin adding the first section, ensure it is fully located and levelled correctly. (this illustration shows a corner section but this is dependant on the configuration type)



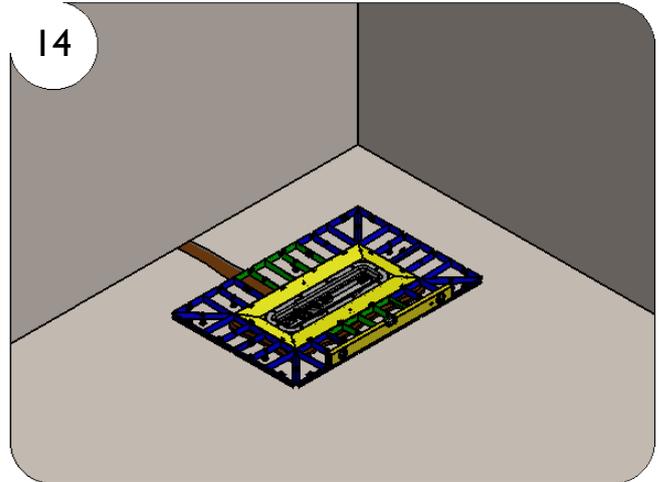
12

When making levelling adjustments it is important that the feet are only just in contact with the sub floor, being careful not to over or under adjust.

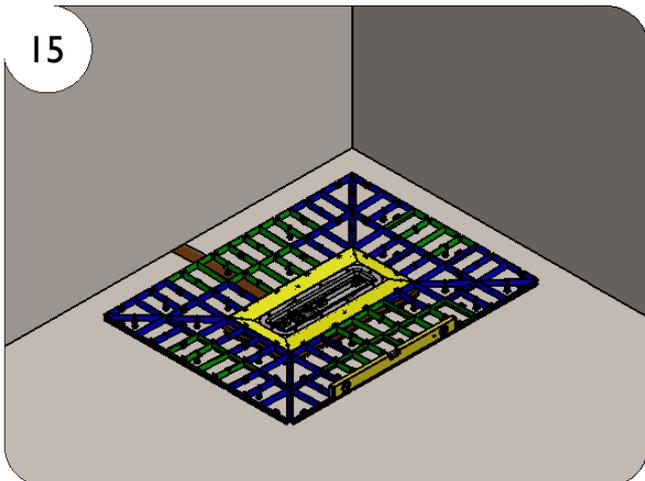
This section covers parts of the installation that are common to all configuration types. Please see section 5 and follow the relevant stages that are applicable to the type you are installing.



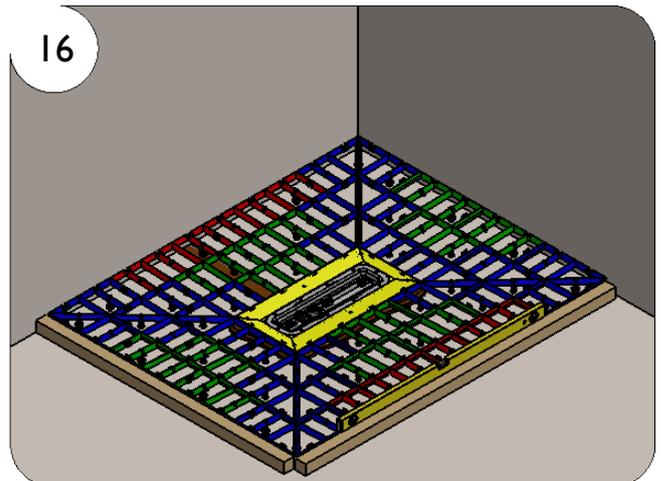
When the first section has been adjusted continue adding the remaining components for the configuration you are installing. Follow the relevant assembly diagrams in section 5.



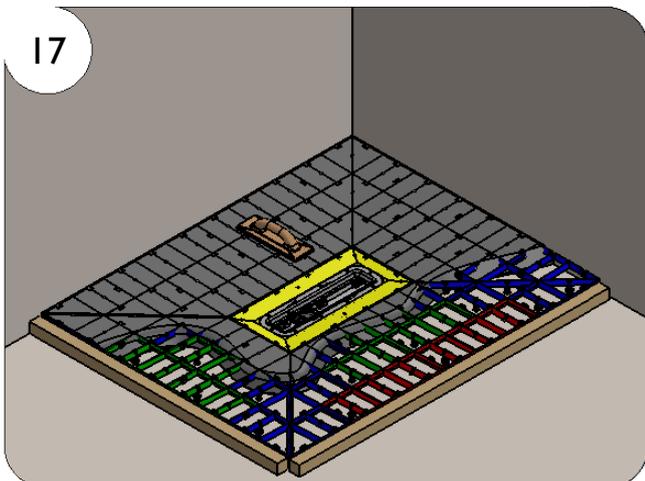
Working in a clockwise direction continue to add parts. After completion of each row the outer edges must be level.



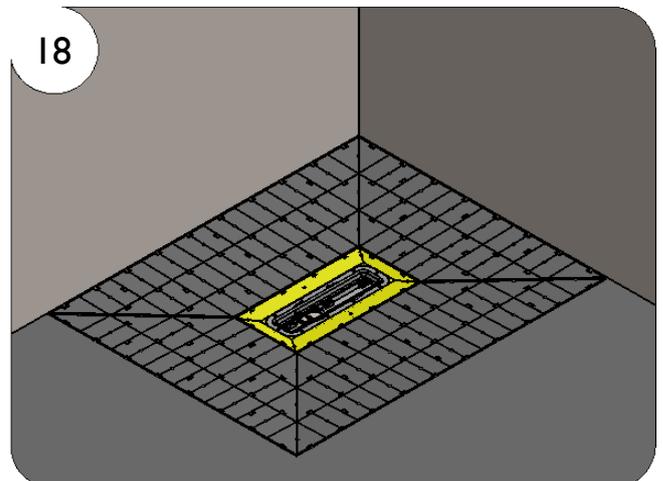
Continue adding parts and levelling in the same manner.



When the assembly is complete we recommend that the outer perimeter is shuttered to prevent screed escaping whilst backfilling is carried out.



Begin filling the Aqua-grade with a semi dry screed mix and smooth off with a wooden or plastic float. Ensure the screed is compacted well to prevent hollow areas.

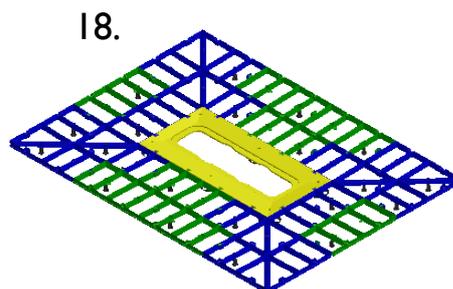
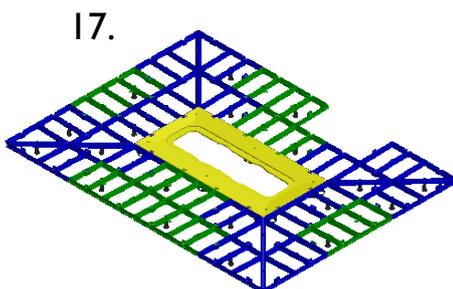
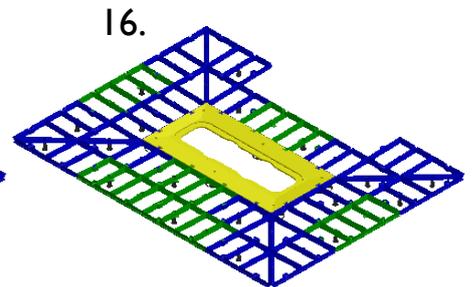
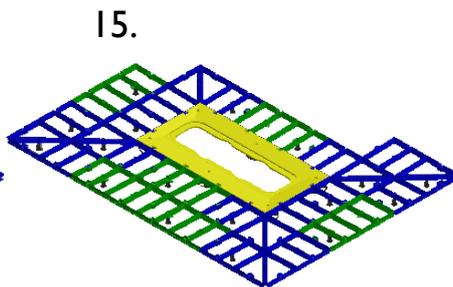
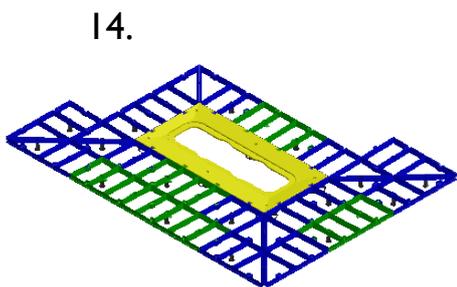
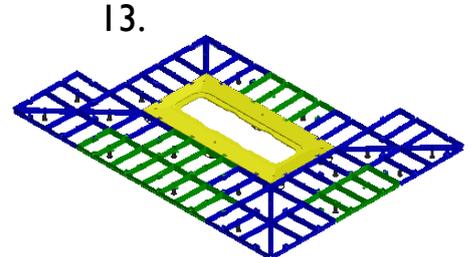
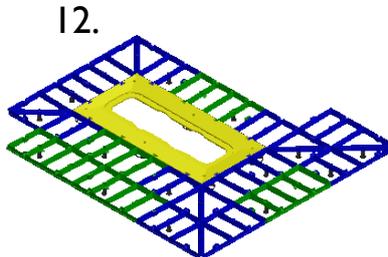
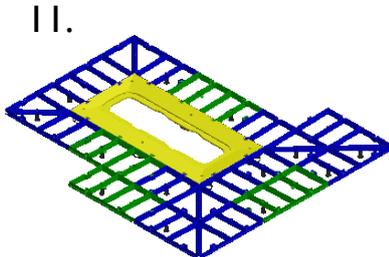
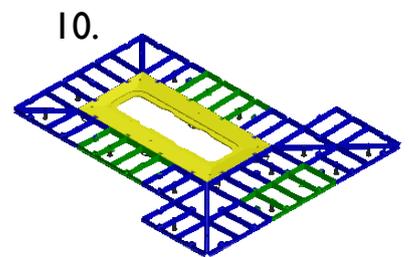
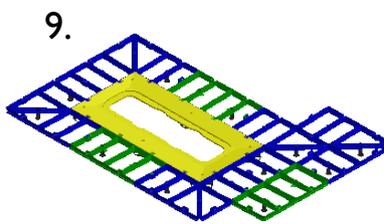
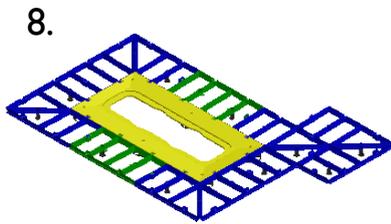
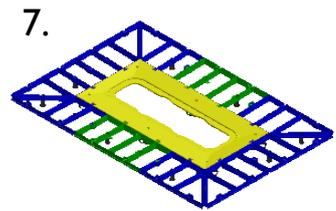
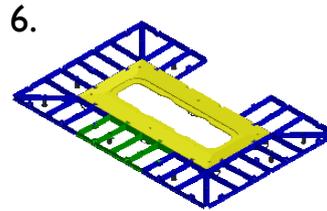
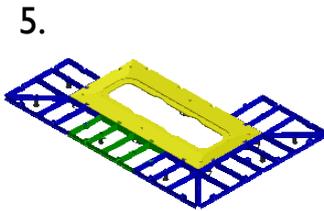
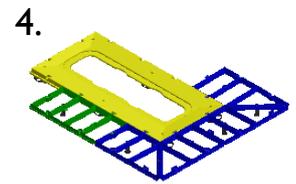
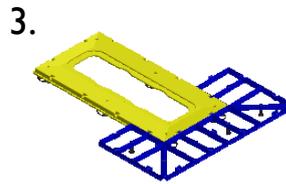
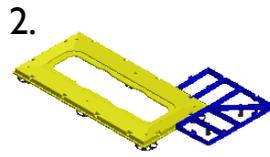
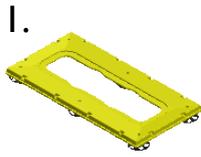


When fully filled it may be necessary to allow the screed to dry out slightly before final finish trowelling. When complete the shuttering can be removed and the remaining floor finished.

Please follow these steps as a general guide for this type of configuration, (alternative sizes are available)

Always work in a clockwise or right to left direction.

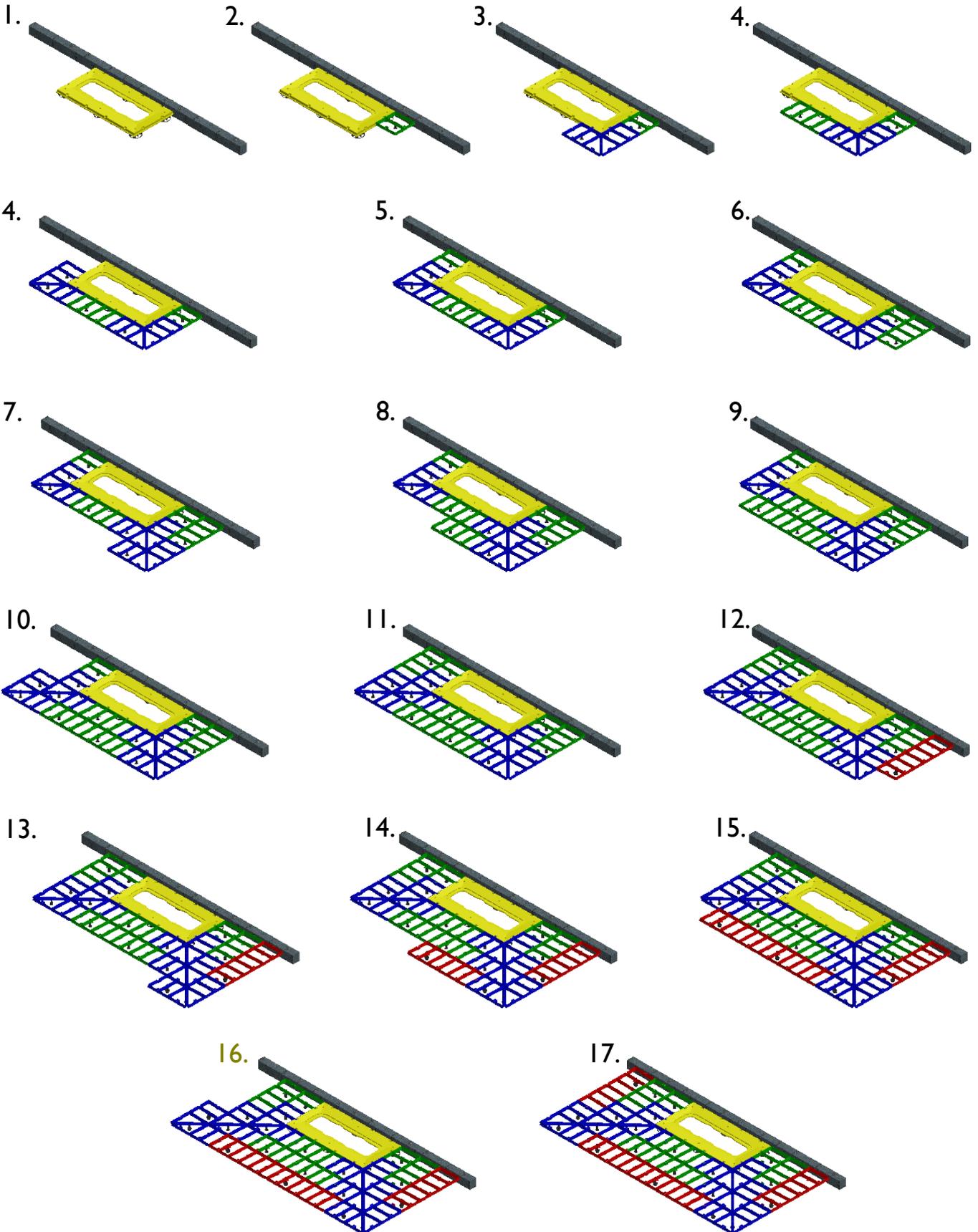
After each row is completed ensure the outside edge is level.



Please follow these steps as a general guide for this type of configuration, (alternative sizes are available)

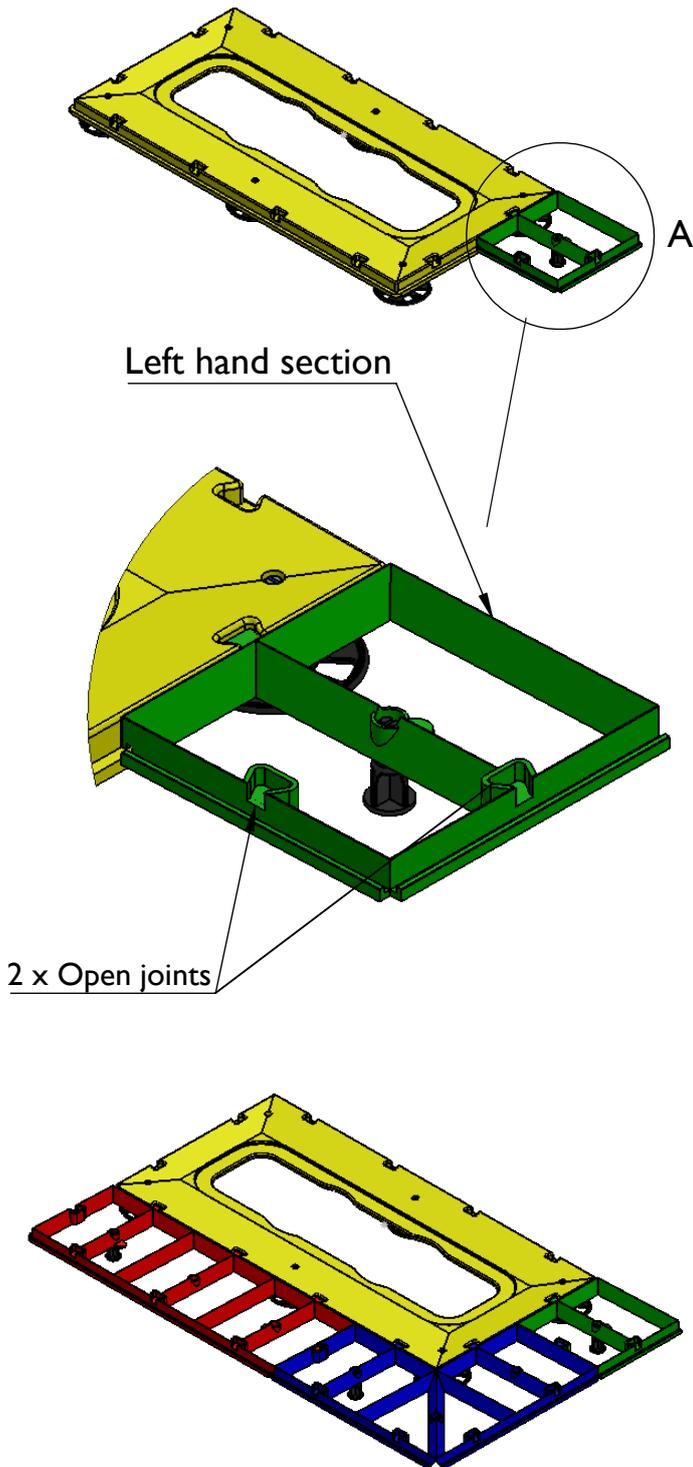
Always work in a clockwise or right to left direction.

After each row is completed ensure the outside edge is level.

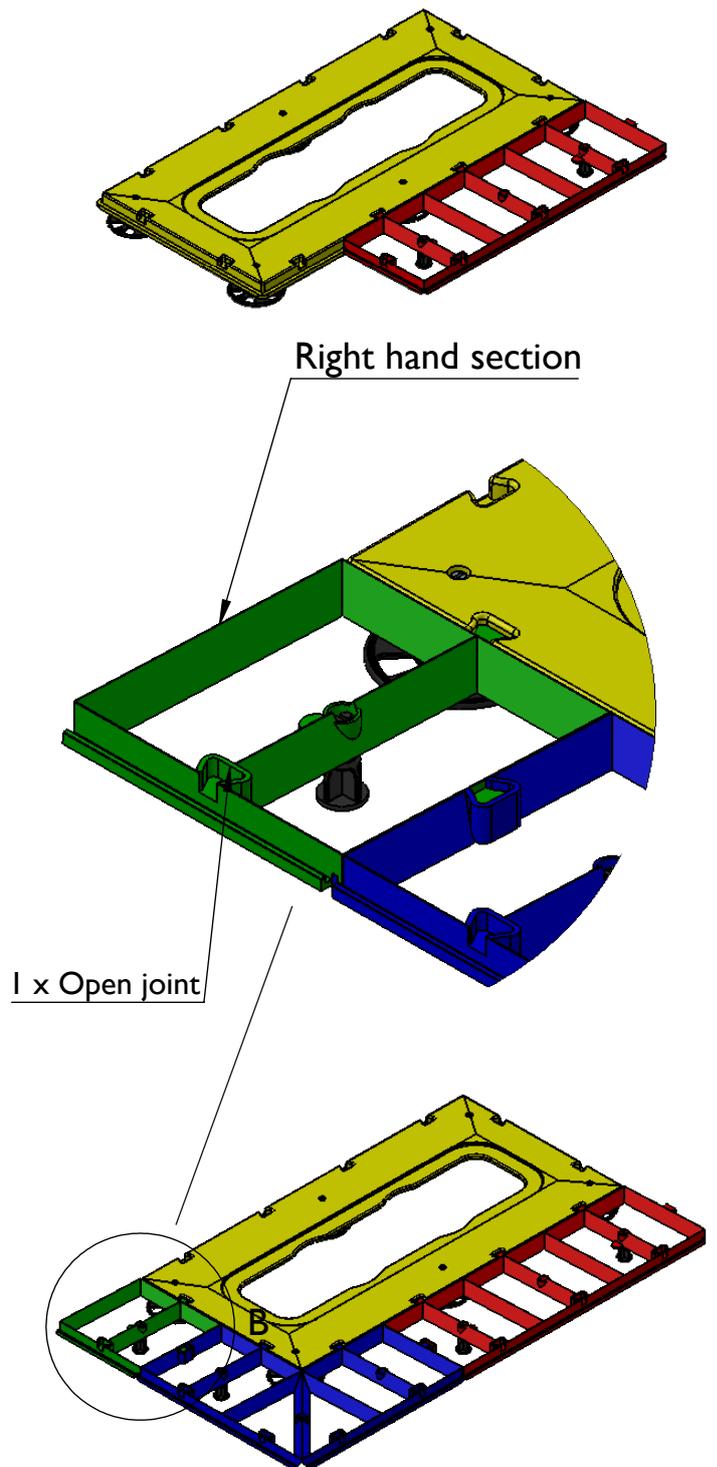


The configuration with 2 falls 2 walls (corner drain) can be assembled as Left hand and Right hand version. The assembly process for these is slightly different, please see notes below and assembly guide for these types on page 11. Parts for both versions are supplied in the pack, these parts are very similar, please see notes to assist with identification.

Left Hand Configuration



Right Hand Configuration

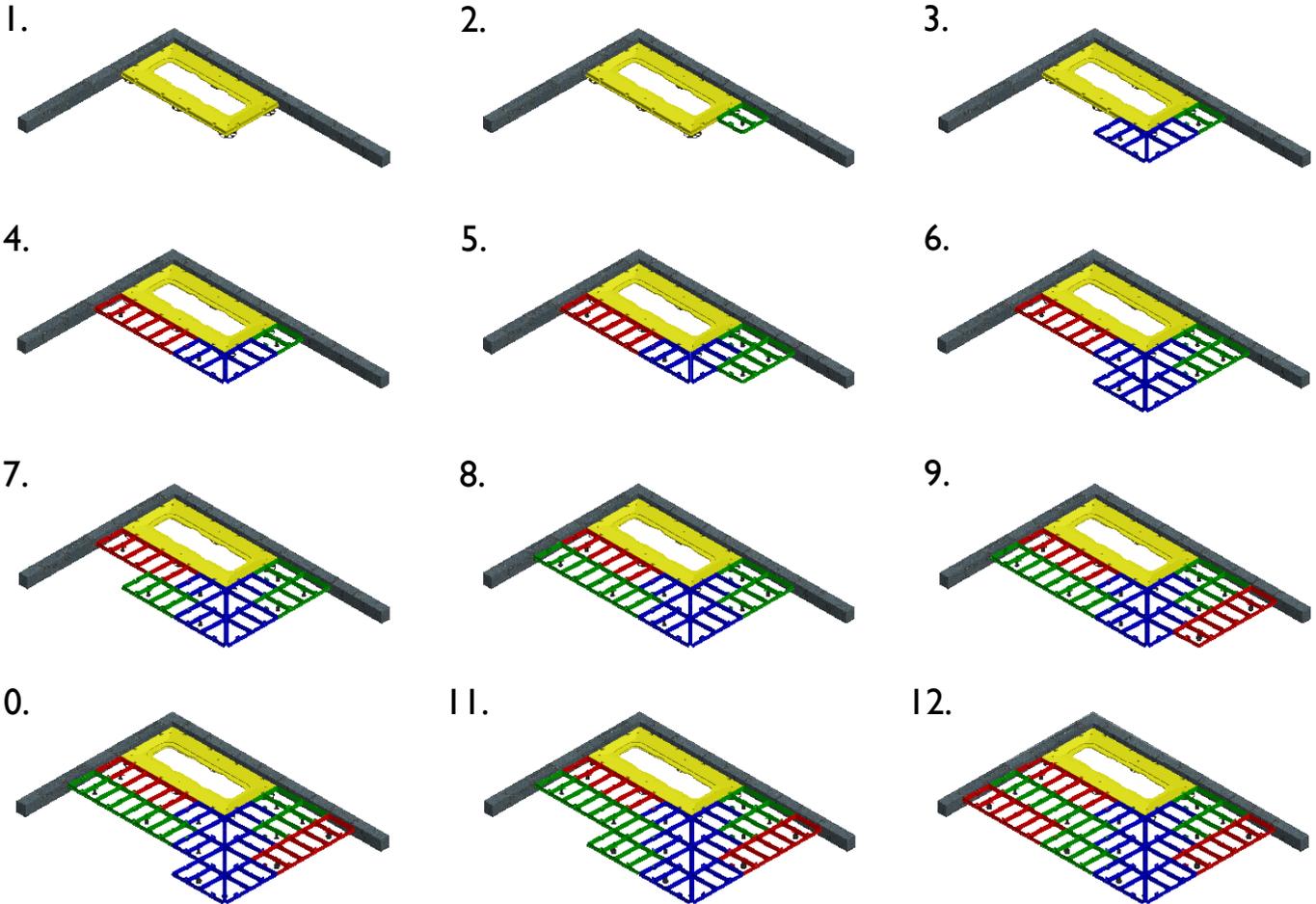


Please follow these steps as a general guide for this type of configuration, (alternative sizes are available)

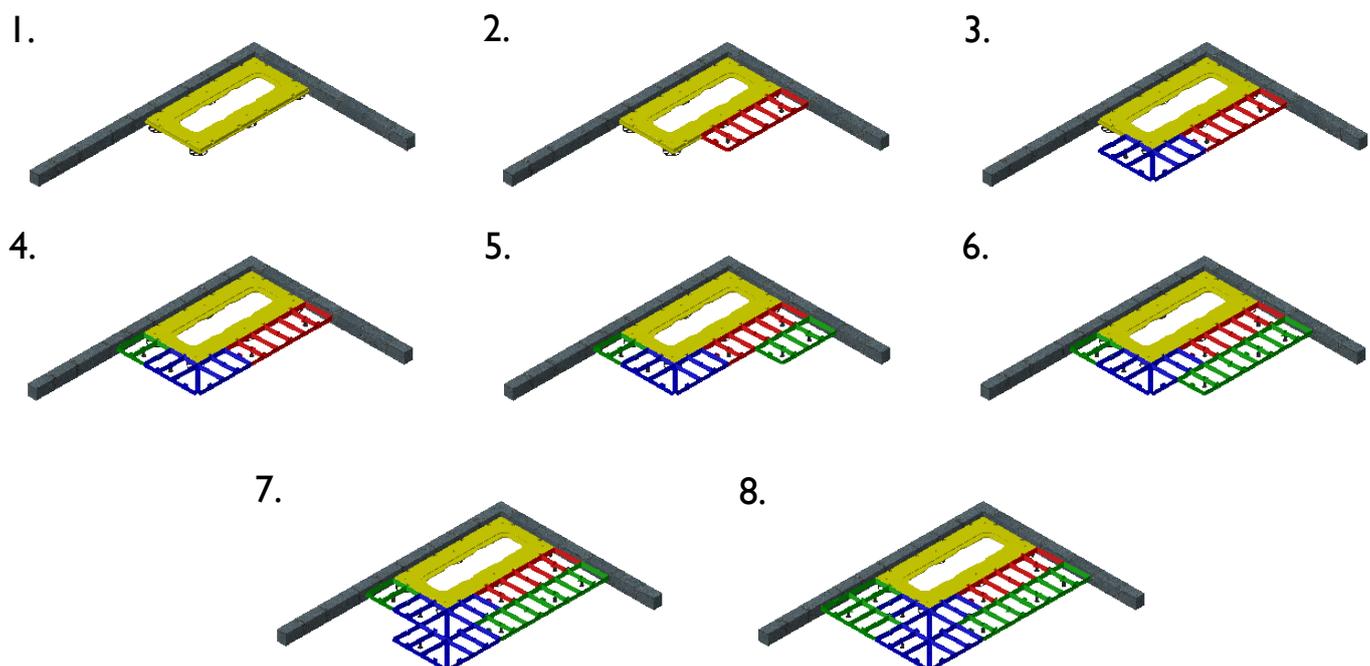
Always work in a clockwise or right to left direction.

After each row is completed ensure the outside edge is level.

Left Hand Version



Right Hand Version



Please follow these steps as a general guide for this type of configuration,
Always work in a clockwise or right to left direction.
After each row is completed ensure the outside edge is level.

