TX Cast Iron

Installation Guide

TX Cast Iron Soil Pipe - Fitting Instructions

TX Cast Iron Soil Pipes—Pre Installation

TX sockets, both plain and eared are designed only for use with TX pipes and fittings.

Design of the soil stack should allow at least one eared socket on each fitting to enable the system to be anchored securely to the building.

Installation should proceed from the bottom to the top of the soil stack with typically a length of pipe, boss pipe or branch at the base of the stack. The first pipe/fitting should be connected to the underground drainage system to ensure a secure base and have an eared socket fitted to the top to ensure stability and security of the pipe work before proceeding further.

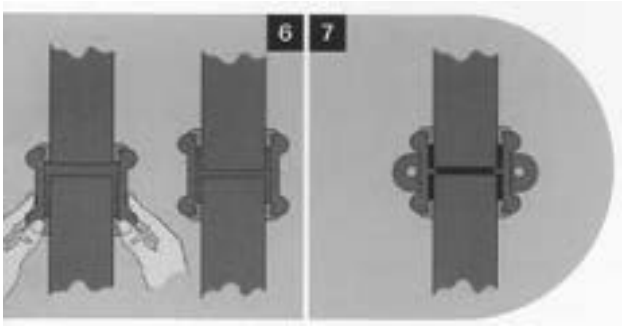
Subsequent pipes/fittings installed vertically above this point should incorporate at least one eared socket. On branch arms we suggest the use of a plain socket to provide the correct aesthetical appearance.

The assembled joint is designed to be a tight fit to ensure compliance with a pressure test and long life performance.

Installation

In all assembly operations it is essential for the gasket and corresponding pipe/fitting area to be fully lubricated to enable insertion of pipe/fitting in to TX socket.

1. To aid insertion of the components, immediately prior to assembling any joint, pre relaxation of the rubber gasket is recommended. Apply a small amount of lubricant to the rubber gasket/s and insert the gasket relaxing tool into the joint. Slide the relaxing tool up and down over the gasket sealing face three or four times. The gasket will now be temporarily softer and enable easier assembly of the soil stack joint. *Caution: Do not over insert the relaxing tool past the rubber gasket.*
2. Apply a small amount of lubricant to the rubber gaskets at both ends of the push fit socket. This is necessary to ensure the insertion of pipes and fittings in to the socket.
3. Push the socket over the end of the pipe after lubricating both pipe and gasket ensuring pipe end is fully inserted and abutting the central register in the socket.
4. If the socket is eared, securely fix to the substrate using appropriate stainless steel fixings.
5. Push the next pipe/fitting into the socket checking that it is full inserted and abutting the central register. Repeat the above process on the remaining joints until the stack is complete.
6. When cutting into an existing cast iron soil system, a slip socket with ears should be used. This has no central register and allows the socket to be slipped onto the existing pipe up to the second gasket, before placing the new fitting in position.
7. Next slide the eared socket into the correct position where respective gaskets make a seal on the pipe/fitting on either side of the joint.



Health and Safety

Safety should be the first consideration when working on any building, especially at height. As with any drainage system our cast iron must be fixed to a sound and solid substrate.

We recommend you follow the guidelines provided by the HSE for work on construction sites. (www.hse.gov.uk)

Cutting

Pipes and fittings should be cut using a powered disc cutter always observing the manufacturers recommendations. A hacksaw could also be used.

Care should be taken when cutting to achieve a square clean cut. Edges should be de burred, cleaned of debris and exposed surfaces re—touched.

Additional Information

For additional information contact our Sales Office on **0113 2795854** or email **info@rainguard.co.uk**

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