



Cast iron simplefit drainage system

Cast iron 'simple fit' drainage systems are ideal for traditional style, heritage or listed properties. This soil system is made from quality cast iron but with a clever 'simple fit' mechanical push fit that significantly reduces installation time and cost. Now fully pre painted for immediate 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 into a 'simplefit' socket.



1. To aid insertion of the components, immediately prior to assembling the joint, pre-relaxation of the rubber gasket is recommended. Apply a small amount of lubricant to the rubber gasket and insert the 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 into the socket.



3. Push the socket over the end of the pipe after lubricating both pipe and gasket ensuring the pipe end is fully inserted and abutting the central register in the socket.



Simplefit sockets, both plain and eared are designed only for use with Rainclear's simplefit 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 bottom to top of the soil stack with typically a length of pipe, boss pipe or branch at the base of the stack. This 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.

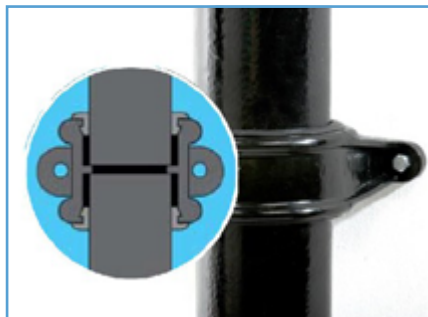
Subsequent pipes/fittings installed vertically above this point should incorporate at least one eared socket. On branch arms we suggest the use of a plain socket to provide the correct aesthetic appearance.



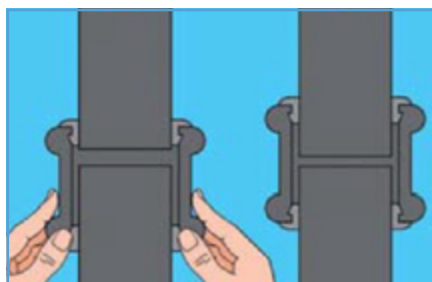
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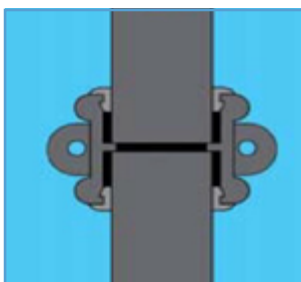
4. If the socket is eared, securely fix to wall using corrosion resistant coach screws or similar.



5. Push the next pipe or fitting into the socket checking that it is fully inserted and abutting the central register. Repeat the above process on remaining joints until the stack is completed.



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. Slide the eared socket into the correct position where the respective gaskets make a seal on the pipe/fitting on either side of the joint.

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