

Installation Guidelines - Ensign Cast Iron

Preparation

Cast iron pipe systems for drainage mainly consist of spigot pipes - generally supplied in 3 m length - and fittings of various shapes (bends, branches, etc.). The cast iron pipes can be cut to length. Where pipes are cut on site, ends shall be cut clean and square with burrs removed and then re-coated with the adequate touch-up paints. EXTREM 1 (Available from Hydroflow Distributors in Australia), or other repair products recommended by SAINT-GOBAIN PAM.

Cutting techniques

SMU pipes can be cut easily and quickly using either of the following methods. It should be ensured that cutting procedures comply with the safety guidelines from the cutting tool manufacturer's operating manual.

WARNING Chain or compression type cutters should not be used.



	Hacksaw	Pipe cutter	Band saw	Powered disc cutter
S And Plus ranges				
DN40				
DN50				
DN75				
DN100				
DN125				
DN150				
DN200				
DN250				
DN300				
DN400				
DN500				
DN600				
FLUTED RAINWATER RANGE				
DN75				
DN100				

Assembly as a sleeve - PAM Rapid couplings

Couplings are supplied pre-assembled.



Push the supplied assembled coupling onto the pipe spigot so that it abuts on the central register of the elastomer gasket.



Push the next pipe spigot into the other end of the coupling.



Tighten the screw to "nul gap" position, that is fully closed, with a ratchet spanner or an electric screwdriver.



The PAM Rapid NG from DN 50 to 200 is designed to be tightened to fully closed there is no need for checking the torque.

Wherever couplings can be submitted to end thrust forces, they must be secured with grip collars.