



Headwall Details

This is a sectional structure with rebated joint, assembled on site around the drainage pipe and locked together by means of stainless steel cast in sockets and brackets provided. The H28C B Headwall is suitable for plastic or clayware pipes up to 1050mm I.D. or PCC Pipes up to 900mm I.D. Available with a standard backwall height of 1.65m with lifting points cast in to each wingwall for safe handling using Althon lifting clutches.

Standard Precast Headwall Range	Max Pipe Opening (I.D) Plastic / C'ware	Max Pipe Opening (I.D) PCC	A mm	B mm	Approx Weight (KG)
H28C B	1050	900	1650	700	4100

Installation Instructions

1. Dig out the bank of the watercourse to take the appropriate size of the headwall making sure that the headwall will not protrude into the path of the water flow.
2. Dig out a sufficient size trench to take the toe along the front of the foundation. The toe should be installed first; mass concrete should be used to backfill in front and under the unit.
3. Lay a 100mm thick bed of semi dry concrete as a foundation to sit the headwall level, or with a slight fall (1:50) from pipe to spill mouth.
4. Using appropriate lifting clutches (available from Althon LTD) in the anchor positions on the wing walls lift the unit and carefully manoeuvre into position on prepared foundation.
5. Mass concrete should be used to backfill in front and under the toe and well compacted impervious clay around the rest of the unit.
6. Position pipe in prepared trench and insert through backwall of headwall (flush if with flap valve or grating -50mm protrusion if not).
7. Fill void around pipe with a good quality sand cement mortar.
8. Once satisfied with the positioning of the pipe, backfill in accordance with Engineers instructions.