

1. Where concreting to pipelines is specified or where cover to crown of pipe is less than 1.2m, place blinding layer of class “C” concrete over the full width of the trench.
2. Support pipes to be added on or cradled with concrete on precast setting blocks, the top face of each block being covered with a separation layer as specified.
 - a. If concreting to the pipeline either as bed or bed and surround is required then concrete class “C” along such lengths as shown on the Drawings or ordered by the Engineer. Use Sulphate Resisting cement for concrete bed and surround.
 - b. Ensure that the pipe is prevented from floating or otherwise moving during concreting.
 - c. When support of excavation is provided, place building paper against the support before concreting to facilitate withdrawal of the support.
 - d. Where concrete bed and surrounds are used with GRP and PVC-u pipes use pipes with maximum spacing of 3m between flexible pipe joints.
 - e. For other pipe material joints shall be at not greater than 8m spacing.
 - f. In the case of pipes with flexible joints place a strip of fiberboard or other material approved by the Engineer in a vertical plan at the edge of the socket to interrupt the concrete. The following are the thicknesses of the fiberboard to be used for different diameter pipes.
 - Up to 300mm nominal internal diameter 13mm.
 - Over 300mm and up to 600mm nominal internal diameter 25mm
 - Over 600mm and up to 1200mm nominal internal diameter 38mm
 - Over 1200mm and up to 2000mm nominal internal diameter 50mm
3. Use concrete class “B” for the protection and filling of headings.

26.4.5 Pipe Installation

26.4.5.1 Storage

- A. Pipes shall be properly shielded from direct UV.
- B. Pipe stacks shall not be greater than seven layers or two metres high, whichever is the lower.
- C. Pipes shall be placed on a sand bed or on supports at least 75mm wide and placed not greater than 1.5m apart.