

Cavity Drainage System

•Basement drainage BS8102

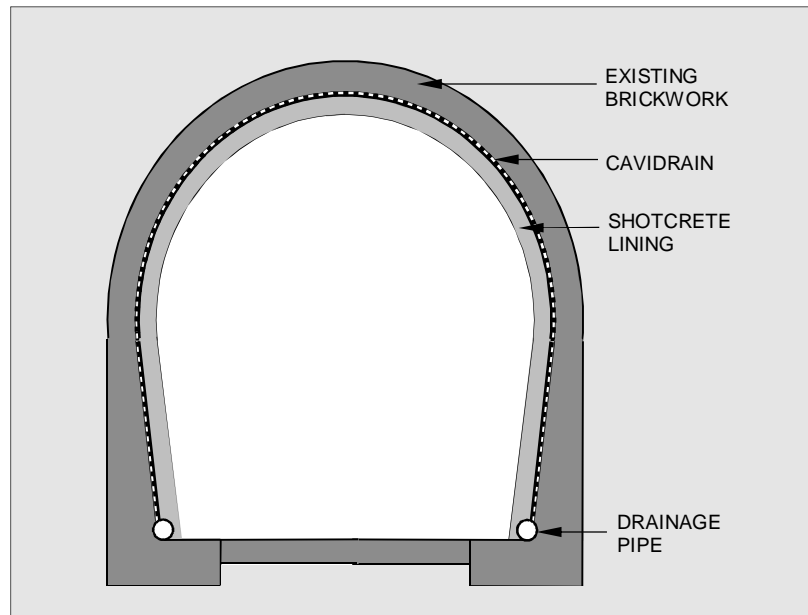
Cavidrain is a preformed cavity drainage system designed to relieve water penetration from basements, buried structures and underground car parks. Suitable for new and existing structures.

Traditional methods of ground water exclusion are difficult to install reliably in the modern deep basement with piled slabs and secant piled walls. *Cavidrain* is a waterproofing system that enables fast track construction by eliminating wet trades and removing the waterproofing installation from the critical path.

The high strength core is designed to withstand the imposed loads associated with placing wet concrete. Once poured, the concrete fills the back of the dimples and so the ultimate load capacity is that of the concrete. Where required, insulation can be laid on the *Cavidrain* sheet after filling dimples with screed.

Cavidrain maximises the available internal space. It is very easily and quickly installed, making *Cavidrain* a very cost effective waterproofing system.

Sizes: 3, 6, 10, 11, 20, 40 & 60 mm deep cuspatations, 2.2 m in width and varying roll lengths in denominations of 10m.



•Tunnel Drainage

Cavidrain provides a drainage layer to collect infiltration water from behind tunnel linings. *Cavidrain* may be used alone or form part of a system incorporating geomembranes. Typically the *Cavidrain* is fixed to the excavated face of the tunnel. Shotcrete will adhere to the back of the *Cavidrain* sheet. *Cavidrain* is used in road tunnels, mine shafts, interceptor sewers, etc.

•Chemical Resistance

Cavidrain is a strong dimpled plastic drainage layer that is highly resistant to all common chemicals including fuels, salts, acids, alkalis, bacteria and fungus.

