Piledrain

Delivery and storage

Piledrain is delivered in 50m rolls to width as specified and should be stored on site by stacking on a dry level surface.

Health and safety

The material does not present a health hazard and no special precautions are required.

Chemical Resistance

Resistant to all common chemicals and does not support fungal growth. Concrete will not penetrate the geotextile covering.

Installation Method

**Step 1** – Compact soil between piles or introduce compressible fibre porous board to act as a back shutter (Fig 2).

**Step 2** – Cut Piledrain to length equaling the length of the pile plus an allowance to feed the bottom of the drain into a collector pipe drain at the base (Fig 1),

**Step 3** – Offer Piledrain up to face between piles such that the dimpled edge of the Piledrain and geotextile face is facing towards the soil to be drained. The drain hangs down the full length of the pile and is in close contact with both piles and soil in a “U” shape. Ensure the Piledrain spans equally over the gap between the piles with each side in close contact with the piles on each side (Fig 2),

**Step 4** – Using an airgun fix the Piledrain to each pile with masonry nails and plastic washers at 0.5m centres down each pile (Fig 2),

**Step 5** – Fit the lower end of the drain into a pipe or carrier drain as specified (Fig 3 & 4),

Equipment and materials required

Materials: ABG Piledrain; nails, nails with plastic washers
Tools: Air gun, sharp knife

Fig 1: Roll out and cut Piledrain with sharp knife

Fig 2: Fix Piledrain in place between piles

Fig 3: Feed Piledrain into collector drain

Fig 4: Run pipe into collector drain or wrap around pipe as shown