For Heavy Duty Vertical Drainage Applications

ArmorDrain 110 Protection/Drainage Mat

Description
ArmorDrain 110 is a light duty impermeable polymeric sheet that while under heat and pressure is formed into a dimpled drainage core.

The core is then bonded to a single layer of non-woven filter fabric. The filter fabric retains soil and sand particles as well as freshly placed concrete or grout, allowing water to pass into the drainage core.

Purpose
ArmorDrain 110 is engineered to provide ample strength to protect waterproofing membranes against back fill soil and sediment and to provide excellent drainage capabilities providing hydrostatic relief.

AD 110 is ideal for basement foundations, retaining walls, planters or bridge abutments.

Advantages
• Resistance to hydrostatic pressure
• High flow dimpled drainage core
• Protects foundation waterproofing membrane
• Easy installation

Leeds Data
ArmorDrain 110 Core is considered a GREEN product and can be used toward LEEDS building credits.

Prep/Application
After the waterproofing membrane has been applied, start at a corner and install the 110 horizontally against the surface with the non-woven filter fabric side facing outward.

Extend the roll from the top of the footer to finished grade. When two edges come together from two separate rolls, overlap the dimples to create a continuous coverage of the wall.

For good adherence, apply uniform pressure throughout the surface area, not just the edges and corners. If needed, secure rolls to the wall using powder actuated mechanical fasteners. Install top fasteners within the top 4” (102 mm).

If the roll overlaps the membrane once you have reached the grade line, a utility knife or similar tool can be used to cut the rolls to the correct height.

Backfilling/Drainage
Backfilling should begin no sooner than 24 hours after the installation of the board, but must be backfilled within 15 days.

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