



C Drain 110™ DrainCore

Drainage Dimpleboard

PRODUCT DESCRIPTION:

"C" Drain 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:

"C" Drain 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.

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:

110 DrainCore is considered a GREEN product and can be used toward LEEDS building credits.

SPECIFICATIONS:

CORE

- Color - Black
- Thickness – ASTM D-1777 - .25 in.
- Compression Strength –ASTM D-1621 –11,000 psf
- Drainage Capacity -ASTM D-4716 (HG=1)9 gal/min/ft² width

FABRIC

- Color – Black Fabric
- Flow – ASTM D-4491 – 140 g/min/ft²
- Puncture – ASTM D-4833 – 65 lbs.
- AOS (EOS) – 70 U.S. Sieve
- Grab Tensile – ASTM D-4632 – 100 lbs.

LIMITATIONS:

Limited to 20 feet of backfill

PACKAGING:

4' x 50' roll

COVERAGE:

200 ft² / roll

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 out-ward.

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:

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

CLEAN UP:

Disposal methods must be in compliance with all federal, state and local laws and regulations.

PRODUCT HANDLING/STORAGE:

- Do not smoke while handling
- No special storage requirements
- Wash thoroughly with soap and water after handling

WARNING/DANGERS:

- Keep away from sparks, open flames, or any heat source
- Dust might create mechanical irritation

PRODUCT ONLY WARRANTY:

We warrant the product to be of good quality and manufactured to meet published physical properties and quality control standards.

Except as specifically provided herein, Mar-flex makes no warranty, express, implied or oral including but not limited to any warranty or merchantability, fitness for a particular purpose, usage of trade, course of dealing or course of performance in connection with this agreement. In no event shall Mar-flex be liable on any such warranty with respect to the product. Mar-flex shall not be liable for incidental or consequential damages including, but not limited to damages of the structure, its replacement, contents or personal injury. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

HEALTH AND SAFETY INFORMATION IS GIVEN IN THE MATERIAL SAFETY DATA SHEET AND THE PRODUCT DATA SHEET AVAILABLE FOR THIS PRODUCT. THESE SHOULD BE READ AND UNDERSTOOD BEFORE USING THIS PRODUCT.

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