



Geo-mat "C" Drain 400 Decking Drainage

PRODUCT DESCRIPTION

Geo-mat "C" Drain 400 is a heavy duty, high density polyethylene geonet drainage core. Its ridges are heat fused to a layer of non-woven filter fabric with an added layer of heavy duty grey fabric bonded to the back.

PURPOSE:

Geo-mat "C" Drain 400 is ideal under slabs, planters and roof gardens, retaining walls, foundation walls, and bridge abutments.

Because of the crush proof nature of the geonet, drainage composites can be used in the most extreme cases where heavy loads and/or heavy vehicular traffic are abundant.

ADVANTAGES:

- Crush resistant
- Strong resistance to hydrostatic pressure
- High flow dimpled drainage core
- Protects waterproofing membrane
- Easy installation

SPECIFICATION:

CORE

- Color – Black
- Thickness – ASTM D-1777 – .22 in.
- Compression Strength – ASTM D-1621 – 40,000 psf
- Drainage Capacity – ASTM D-4716 – 8.5 g/pm/ft width

FABRIC - FRONT

- Color – Black Fabric
- Flow – ASTM D-4491 – 135 g/min/ft²
- Puncture – ASTM D-4833 – 65 lbs.
- AOS(EOS) – 70 U.S. Sieve
- Grab Tensile – ASTM D-4632 – 120 lbs.

FABRIC - BACK

- Color – Grey Fabric
- Flow – ASTM D-4491 – 110 g/min/ft²
- Puncture – ASTM D-4833 – 95 lbs.
- AOS(EOS) – 70 U.S. Sieve
- Grab Tensile – ASTM D-4632 – 160 lbs.

PACKAGING:

4' x 50' roll

COVERAGE:

200 ft² / roll

PREP/APPLICATION:

Clean horizontal surface of loose debris and/or dust.

Apply waterproofing membrane to surface at a minimum of 100 mil dry thickness. Allow membrane to cure out approximately 3 - 4 hours. The product will not totally set up, but will allow for adherence of the Geo-mat "C" Drain 400.

Unroll Geo-mat "C" Drain 400 placing gray side down. Unroll the next section placing the roll directly up against the end of the preceding roll.

Join roll ends by peeling back the fabric and removing 4" of core. NOTE: All core joints must be covered by fabric overlay. Place end panels so that cores abut, then glue, tape or nail fabric overlap.

Make cuts for any drains to allow water to be drained.

Allow 24 hour set time before traffic is allowed.

After completing installation of the Geo-mat "C" Drain 400, allow for a minimum of 24 hours set time and then pour desired thickness of concrete over the Geo-mat "C" Drain 400.

Note: It is recommended to use 12" DrainAway to remove the water that is drained through the Geo-mat "C" Drain 400.

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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