

Hydrotech® Hydrodrain® AL

formerly known as Hydrodrain® AL



BUILDING TRUST

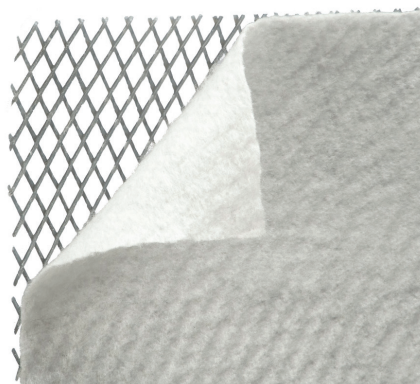


GENERAL DESCRIPTION

Hydrodrain AL is a prefabricated air layer made of a three-dimensional, crush-proof core and a non-woven, needle punched filter fabric. The filter fabric is bonded to the ridges of the core, preventing intrusion of the fabric into the flow channels during installation. The fabric extends 4" beyond the core and is bonded on one side of the core.

BASIC USE

The Hydrodrain air layer is designed to be used as the air space between the surface of DuPont Styrofoam™ insulation boards and a monolithic pour of concrete or when pavers are to be placed directly on the insulation. Hydrodrain must be covered with subsequent overburden within 10-14 days of installation.



This air layer is strongly recommended by DuPont to protect the concrete and insulation from the long-term effects of trapped moisture as it goes through periodic freeze-thaw cycles.

ADVANTAGES

- Reduces the potential for spalling in concrete topping slabs due to freeze-thaw cycling of trapped moisture.
- Prevents water from becoming trapped between insulation and concrete topping (slab or pavers).

SIZES

The Hydrodrain drainage layer is available in roll form, 48 inches wide by 75 feet long. The geotextile overlaps the drainage core 4 inches on one side. Each roll covers 300 square feet and weighs 73 lb. Hydrodrain is 0.25 inches in thickness (ASTM D1777) with a compressive strength of 40,000 psf (ASTM D1621).

TECHNICAL DATA

PROPERTY	TEST METHOD	CORE	FABRIC
FLOW	ASTM D4491	8.5gal. / min. / ft. ²	140 gal. / min. / ft. ²
PUNCTURE	ASTM D6241	--	250 lb.
U.V. RESISTANCE	ASTM D4355	--	70% @ 150 hours
GRAB TENSILE	ASTM D4632	--	100 lb.
APPARENT OPENING SIZE	ASTM D4751	--	70 mm U.S. Std. Sieve

LEED® INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	100 (pc)	
Manufacture Location		Apharetta, GA
Extraction/Harvesting Location		Apharetta, GA

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