## DEWPOINT WATERPROOFING, INC.

P.O. Box 27

Sherrills Ford, NC 28673 Phone (704) 507-8051

Here are some facts on corrugated perforated single wall drain.

strip drain always allows full flow at face of strip into a 1" by 6" or 12" much greater in the 6" to 12" strip drain when installed properly. The into the perforations. I have experienced in my own testing that flow is square foot at minus 10' to 8' of elevation. This helps some water to flow minute. The hydrostatic pressure of water can easily be 500 pounds per rectangular J-drain, allowing water to seek a quicker path to daylight. through a 6" pipe at full capacity would be approximately 70 gallons per regarding the flow of water into the perforations. The volume of water The flow rate is always a crapshoot because there are many variables

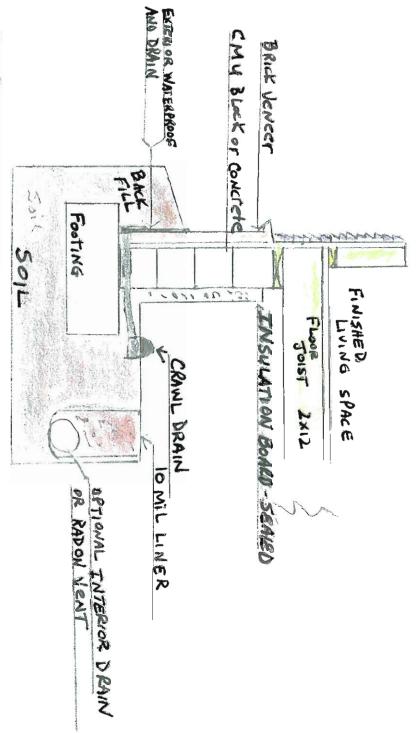
Please refer to installation specs.

Sincerely,

Phillip Stumphf

## **Dewpoint Sealed** Crawl **Experts**

Call: 704-507-8051



#### Benefits:

- Improved air quality
- Better energy efficiency
- Higher comfort level
- Increased structure longevity
- Eliminates Mold and Mildew

## Specifications:

- Multi-layer 10 mil class A vapor barrier
- Insulation resists fire and termites; permanently fastened to wall for long-term performance
- Low VOC, non-organic permanent adhesive sealant
- All liner joints permanently sealed with industrial polyolefin splice tape featuring a cunthatic rubbar adhasive



## MERICAN WICK DRAIN CORPORATION

1209 Airport Road • Monroe, NC • 28110, USA 800 242-WICK • 704 238-9200 • Fax 704 296-0690 www.americanwick.com • info®americanwick.com

July 7, 2005

To Whom It May Concern:

Please see the attached ICC Evaluation Service report as well as the Installation instructions (which are also referenced in the ICC ESR-1107, Section 6.1) same components and have the same installation guidelines with regard to soil types including clays and silts. Because wall drainage is not required by residential code, Per ICC-ESR 1107, Akwadrain soil strip drain is approved for use in all soil types, Amerdrain is not mentioned in the same report however the products are made from the

If you have any questions, please feel free to contact me.

I nank You,

Carolyn Deboer

brolyn Dubory

Technical Specialist, Drainage Products American Wick Drain Corporation

# KWADRAIN

## Technical Data

Flow Rate UV Resistance (After 500 hrs.)	Elongation EOS (AOS) Permittivity	Puncture Strength Trepezoidel Teer Mullen Burst Strength	Material Grab Tensile Strength	FABRIC PROPERTIES	PHYSICAL PROPERTIES
150 g/min/ft² 70%	60% 70 sieve 2.2 sec.	70 lbs 50 lbs 235 psi	Palypropylene		TYPICAL US VALUE
8111 L/min/m² 70%	60% 210 micron 2.2 sec	311 N 222N 1620 kPa	Polypropylene 512 N		SI VALUE
ASTM D-4385 ASTM D-4355	ASTM D-4632 ASTM D-4751 ASTM D-4491	ASTM D-4833 ASTM D-4533 ASTM D-3786	ASTM D-4632		TEST METHOD

### DRAIN PROPERTIES

(Primary Side) 21 gpm/ft widt In-Plane Flow (Hydraulic gradlent=0.1, Loading=10 ps!)	Unobstructed Inflow Area	Fungus Resistance (Core)	Shear Strength	Compressive Strength	Peel Strength
21 gpm/ft width , Loading=10 psl)	85%	No Growth	6,000-9000lbs/ft <sup>2</sup> 287-455 kN/m <sup>2</sup>	6,000-9000 lbs/ft <sup>2</sup> 287-455 kN/m <sup>2</sup>	38 lbs/ft²
261Lpm/m width ASTM D-4716	85%	No Growth	287-455 kN/m²	287-455 kN/m <sup>2</sup>	1.8 k N/m²
ASTM D-4716	-	ASTM G-21	ASTM: D-1621 (Mod.)	ASTM:D-1621 (Mod.)	ASTM D-1876

## **DIMENSIONAL PROPERTIES**

Roll Weight (lbs)	Roll Diameter (ft)	Roll Length (ft)	Widths (in)	Thickness (in)	
24	OI	150	۵	د	6"X150"
48	បា	150	12	_	12"x150"
160	7	500	12	۔۔	12*x600'
72	(J)	150	18	د	18"X150"
240	7	500	<del>,</del>		18"X500"
64	ΦI	100	24	_	24"X150"
320	7	500	24	_	24">500"
96	3,5	100	<u>မ</u> တ	د.	36"x100"

All information, drawings and specifications are based on the latest product information available at the time of printing. Constant improvement and engineering progress make it necessary that we reserve the right to make changes without notice. All physical properties are typical values. Standard varietions in mechanical properties of 10% and in hydraulic properties of 20% are normal.



MAMERICAN WICK DRAIN CORPORATION

1209 Airport Road · Monroe, N.C · 28110, USA 800 242-WICK · 704 238-9200 · Pax 704 296-0690 www.emericonwick.com · InfoSamericanwick.com

#### D DURA INSTALL このころの Z ATION INSTRUCTIONS D XXXX 0 Z U DAIZ

## REQUIRED MATERIALS

- AKWADRAIN soil strip drain 6"x 50' rolls\*.
- AMERDRAIN sheet drain 4'x 25' rolls\*.
- AKWADRAIN Fittings
- 4. 3" wide underground or duct tape
- Attachment materials (see below)
- Knife or scissors, rubber hammer.

\* Additional roll lengths and widths are available

## DRAIN ATTACMMENT METHODS

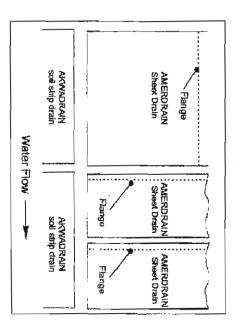
For attaching drain to waterproofing material, concrete or wood, several methods may be used including metal stick pins, nails driven through washers or wood lathing, construction adhesives, double sided tape or mechanical fasteners. Discuss materials compatibility with water-proofing supplier before using adhesives. Typically any method used for attaching waterproofing protection board will work for drain.

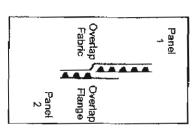
## ATTACHING THE FIRST ROLL OF AMERDRAIN

## VERTICAL WALLS:

AMERDRAIN may be installed starting at either the top or bottom of the wall. The roll may be installed vertically (perpendicular to the footing) or horizontally (parallel to the footing).

When installed vertically, the flange should be facing the direction opposite of the water flow. When installed horizontally, the edge of the core with the flange should be at the top, similar to roof shingle applications.





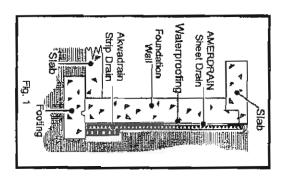
### Shingle Detail

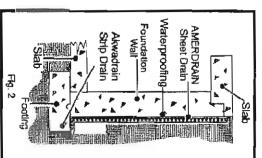
Fold back edge of fabric on lower (or downstream) drain. Do not detach from dimples. Place cones of upper (upstream) drain over flange of lower drain. Overlap fabric of upper drain over lower drain. Seal seam with 3" tape.

For either method, overlap fabric in direction of water flow. Use tape or spray adhesive, If necessary, to keep fabric at joint in place prior to backfilling. All edges of drain should have extra fabric tucked behind core for edge seal to prevent soil from entering core.

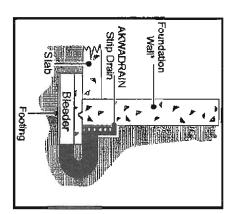
Figure 1 - Install AMERDRAIN sheet drain 6" from the top of backfill to the base of the footer. Peel the fabric away from the bottom of the sheet (approximately 8"). Place the AKWADRAIN 6" strip drain next to the core of the sheet drain, dimples facing the core, and wrap the fabric around the strip drain and tuck to secure.

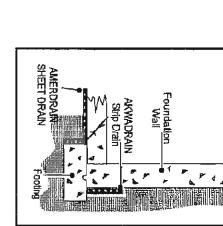
Figure 2 - The AMERDRAIN sheet drain can be extended around the base of the footer. Install the AKWADRAIN at the base of the footer following the same steps as detailed above.

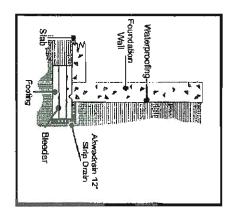


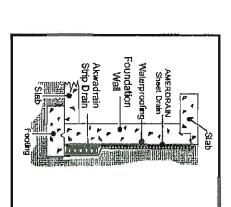


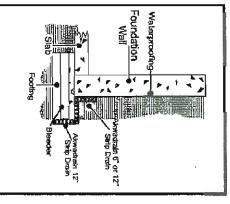
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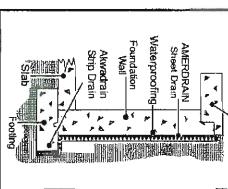






NED-569





And September 1

Slab



AMERICAN WICK DRAIN CORPORATION

1209 Airport Road • Monroe, NC • 28110, USA 800 242-WICK • 704 238-9200 • Fax 704 296-0690 www.americanwick.com • Info@americanwick.com



## COMMERCIAL DRAINAGE PRODUCTS

Drainage Board Type II is a high-flow dimpled core bonded to a single layer of non-woven filter fabric. Type II is designed as a commercial composite drainage and is intended for both vertical and horizontal application.

Drainage Board Type III consists of a heavy-duty, high-density polyethylene geonet drainage core with a coated filter fabric on both sides. Type III is ideal for flat decking, retaining walls and bridge

DRAIN-A-WAY 12" is a drainage and collection system consisting of a thick dimpled drainage core completely wrapped with a filter fabric. It is used for the collection and disposal of water and replaces the pipe and gravel drains on foundations and retaining walls.

## Composite Drainage Properties

DRAIN-A-WAY 12?	TYPE III SIZE: 4' X 50'	TYPE !! SIZE: 4 X 50"	PRODUCT (ROLLS)
1?	.25?	.40?	THICKNESS
7,500	30,000	15,000	COMPRESSION psf
1:30	1:7	1:15	FLOW RATE gpm/ft, width

PRODUCT DATA

Division 7

Geo-Mat Plus is made of a high-density polyethylene (HDPE) with an attached polypropylene geotextile mat. Designed to provide excellent protection and drainage.

## Geo-Mat Plus Properties

GEO-MAT PLUS SIZE: 8' X 50'	PRODUCT (ROLLS)
,2968?	THICKNESS
>29	COMPRESSION Ib/in
30.1	FLOW RATE gpm/ft. width

DRAIN & DRY BOARD is a semi-rigid thermal insulation board made from inorganic glass fibers, preformed into boards, and bonded by a thermo setting resin. It is intended for use in conjunction with Mar-flex waterproofing membranes. It is available in thermal values of R-3.1 to R-10.0, to meet the needs of builders, energy conscious homebuyers and/or local building codes.

## Drain & Dry Board Properties

Mar-flex Waterproofing and Basement Products 6866 Chrisman Lane, Middletown, OH 45042 (800) 488-1411 (513) 422-7285 Fax – (513) 422-7282 E-mait, Responsibility for Meb-side. Mark Mender Merchant Com

10/07

Out of the Francisco	2-3/8? SIZE: 3 X 4"	1-3/16" SIZE: 3 X 4'	3/4? SIZE: 3 X 4'	PRODUCT (BOARD)
Ominon P	10.0	5.0	3.1	R-VALUE
ened in constructed of ownered	2-3/8? SIZE: 3 X 4' 10.0 30.72 291.4	22.72	46.8	COMPRESSION Ib/in
of achievano with a	291.4	249.1	126.8	FLOW RATE GHL

QuickSitver Foundation Drainage Board is constructed of expanded polystyrene with a 1-mil metallic polypropylene laminate on one side and a 1-mil clear laminate on the other side. Each board features 22 slots. 0.03125" from top to bottom with a depth of '/4".

### QuickSilver Properties

	1-3/8" 5.1 10 1: SIZE: 3 X 4' 5.1	3/4" 2.8 10 1 SIZE: 3' X 4' 2.8	PRODUCT R-VALUE COMPRESSION FLOW (BOARD) G
11.7	11.7	11.7	FLOW RATE GHL

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

ASTM Methods Available Upon Request



wrapped with a non-woven filter fabric. PRODUCT DESCRIPTION

Drain-A-Way 6" is a three dimensional, high-flow, drainage core that is

Drain-A-Way 6" is part of a modular drainage system and collection system for basements, foundations and retaining walls. system and water

walls corrugated pipe Drain-A-Way 6" is designed to replace conventional gravel used for drainage around foundation and retaining

#### ADVANTAGES:

- Lightweight and easy to install
- Cost effective
- Code approvals
- Saves time and labor

#### SPECIFICATION:

- Color Black with black filter fabric
- Thickness -ASTM D-1777 -
- Compression Resistance
   ASTM D-1621 –9,500 psf
- Drainage Capacity -ASTM D-4716 -170 gpm/ft.width

#### 6' x 165' Rolls PACKAGING:

COVERAGE:

#### 165/lin.ft./roll

ACCESSORIES:

Use the fittings to transition the Drain-A-Way 6" to a corrugated 4" corrugated pipe for moving the collected water away from the foundation to a sump pump or daylight.

## 6" END OUT CONNECTOR

Used to make the connection from the Drain-A-Way corrugated pipe ත<u>ු</u> ಠ a corrugated

## 6" SIDE OUT CONNECTOR

Used to make an in line connection corrugated 4" drain pipe. of the Drain-A-Way ٥ ¥ E

## 6" SPLICE CONNECTOR

horizontally. Used to connect two sections of the Drain-A-Way 6" either vertically

#### 6" END CAP

Used to cover the cut end of the Drain-A-Way 6'

## 6" STEP-DOWN CONNECTOR

stepped foundation. connect two sections 앜 the Drain-A-Way ٥ 9 മ vertical

## 6" CORNER CONNECTOR

Used to connect two sections of the Drain-A-Way 6" on either an inside

## PREP/APPLICATION:

Apply one of the Mar-flex waterproofing systems to the foundation wall.

Determine the location that the fittings will be needed. Cut the Drain-A-Way 6" to the proper length between fittings, allowing extra length for the insertion into the fittings. NOTE: It is recommended that fittings be taped to the Drain-A-Way 6" for filter continuity.

The fittings and the Drain-A-Way 6" can be adhered to the side of the footer with Mar-flex Mastic, a panel adhesive or an insulation board adhesive. If needed, a mechanical fastener can be used. Note: Place a fastener through a dimple to prevent disruption of the water flow.

## Drain-A-Way 6"™

Division 7 - 07120

Note: Drain-A-Way can be placed with either side against the wall.

Connect fittings to a 4" corrugated pipe and run them out to a sump pump or to daylight. NOTE: Special care should be taken to properly compact the soil under the drainpipe to prevent settling of drainpipe.

#### CLEAN UP:

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

## PRODUCT HANDLING/STORAGE:

- Do not smoke while handling
- When installing wear respirator
- 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

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

express, implied or oral including out rive 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 the damages of the structure, its 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 Except as specifically provided herein, Mar-Flex makes no warranty

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

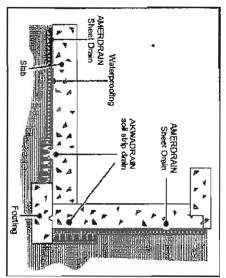
Mar-flex Waterproofing and Basement Products 6866 Chrisman Lane, Middletown, OH 45042 (800) 498-14111 (513) 422-7285 | Fax ~ (513) 422-7282 E-mail: keepdry@mar-flex.com | www.mar-flex.com

Rev. 3/07

## **AMERORAIN®** INSTALLATION INSTRUCTIONS **AKWADRAIZ**

## INSTALLATION UNDER SLABS

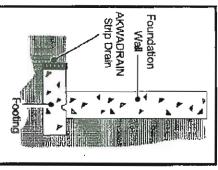
the back of the core Waterproofing and/or floor slab can be applied directly to sheet drain as required or the same as for vertical wall with sheet drain as shown with geotextile to soil side. Attach For under floor slab installation, position AMERDRAIN AKWADRAIN around the Interior perimeter as shown.

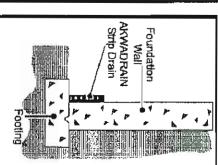


and seal. entering the core. Tape edges or secure fabric around edge SEALING EDGES:
All edges of drain should be sealed to prevent soil from

#### exterior drainage. wall or footer as AKWADRAIN soil strip drain can be used alone pipe and stone at the base of the a replacement for interior or

around the perimeter. foundation wall. Hold in place using mastic, adhesives or mechanical fasteners. Drain must be installed continuously Install AKWADRAIN in a vertical position at the base of the





## **AKWADRAIN FITTINGS**



6" Splice Connects two sections of AKWADRAIN together.



drain around comer and comers. Slit fabric, bend Maintains flow around tabe guard over slit to prevent soil intrusion. 6" Corner Guard



avaliable for intrusion. Outlets transition to 4" pipe. Universal Outlet Insert strip into outlet. Tape fitting edge to prevent soil 6" End Outlet 12" width drain



Connects three strips of AKWADRAIN together



ting edge to prevent soil Insert strip sections into around comer. Tape fitoutlet to maintain flow 6" Corner Fitting intrusion.



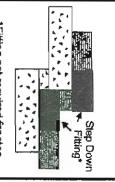
Notch a triangle in the bottom section of the strip. Slip the tee base over the notch and secure with tape to prevent Universal Tee Outlet

soft intrusion.



Insert strip into openings as shown in detail.

Tape all connections to prevent soil intrusion. 6" Step Down



\*Fitting not required for step down. Core interlocking may be used to create step down.

End Cap: To terminate AKWADRAIN Strip Drain, pull back fabric to expose two rows of dimpled core. Cut exposed core, leaving extra fabric in place. Fold fabric and tape to prevent soil intrusion.



Issued July 1, 2004

This report is subject to me-examination in one year

### ICC Evaluation Service, Inc. www.icc-es.org

Business/Regional Office = 5360 Workman MB Road, Whillier, California 90601 = (552) 599-0543
Regional Office = 900 Montolair Road, Suilia A. Birmingham, Alabama 35213 = (205) 588-8800
Regional Office = 4051 West Flossmoor Road, Country Club Hills, Illinois 60478 = (708) 799-2305

DIVISION: 02—SITE CONSTRUCTION Section: 02620—Subdrainage

REPORT HOLDER:

AMERICAN WICK DRAIN CORPORATION
1209 AIRPORT ROAD
MONROE, NORTH CAROLINA 28110
(704) 238-9200
www.americanwick.com
info@americanwick.com

**EVALUATION SUBJECT:** 

AKWADRAINT FOUNDATION STRIP DRAIN

ADDITIONAL LISTEES:

EPRO SERVICES, INC. PO BOX 347 DERBY, KANSAS 67037 (316) 262-2513 eproserv@aol.com

TREMCO BARRIER SOLUTIONS, INC. 6402 EAST MAN STREET
REYNOLDSBURG, OHIO 43230 (614) 322-4420
www.tremcoinc.com

## 1.0 EVALUATION SCOPE

wellsja@tremcoinc.com

Compliance with the following codes:

- 2003 International Building Code® (IBC)
- 2003 International Residential Code® (IRC)
- 1997 Uniform Building Code™ (UBC)
- BOCA® National Building Code/1999 (BNBC)
- 1999 Standard Building Code<sup>®</sup> (SBC)

## Property evaluated:

Foundation drainage system

#### 2.0 USES

AKWADRAIN<sup>TM</sup> Foundation Strip Drains are used as alternatives to conventional sand- or gravel-covered pipe drains installed around building foundations in accordance with the applicable code.

### 3.0 DESCRIPTION

#### 3.1 General:

AKWADRAIN<sup>TM</sup> Foundation Strip Drain is a composite drainage system consisting of a three-dimensional drainage

core and a nonwoven, needle-punched filter fabric and fittings. The filter fabric is wrapped around and bonded to the drainage core, preventing intrusion of backfill material and the filter fabric into the flow channels during backfilling. Soil particles are held back by the filter fabric, allowing water to pass through to the drainage core.

AKWADRAIN<sup>TM</sup> Foundation Strip Drain is 1 inch (25.4 mm) deep, and is available in standard nominal widths of 6, 12,18, 24 and 36 inches (152, 305, 457, 610 and 914 mm, respectively) and roll lengths of 50 feet (152 m) to 500 feet (1524 m).

## 3.2 Components and Fittings:

- 3.2.1 Rigid Core: The Rigid Core component of the AKWADRAIN<sup>TM</sup> Foundation Strip Drain is thermoformed from a black extruded plastic to form an internal dimpled drainage core with a 1-inch (25.4 mm) depth.
- 3.2.2 Filter Fabric: The Filter Fabric component of the AKWADRAIN<sup>TM</sup> Foundation Strip Drain is a geotextile, made from polypropylene, that is black in color, normoven and needle-punched for water flow.
- 3.2.3 Splice Fitting: Splice fittings are used to connect rolls of AKWADRAIN<sup>TM</sup> together using a minimum 3-inch-wide (76 mm) polyethylane tape at each joint.
- 3.2.4 Tee Fitting: Tee fittings are used to join one run or branch of AKWADRAIN™ to another at a 90-degree angle. A minimum 3-inch-wide (76 mm) polyethylene tape is used to secure each joint.
- 3.2.5 Outlet Fitting: The Outlet Fitting is a black plastic fitting used to connect AKWADRAIN<sup>TM</sup> to the drainage piping, using a minimum 3-inch-wide (76 mm) polyethylene tape at the joint.
- 3.2.6 Corner Fitting: The Comer Fitting is a black plastic fitting used to connect AKWADRAIN<sup>TH</sup> sections around an inside or outside comer at a 90-degree angle. A minimum 3-inch-wide (76 mm) polyethylene tape is used to secure each joint.
- 3.2.7 Corner Guard Fitting: The Corner Guard is a black plastic fitting with polypropylene nonwoven geotextile bonded to plastic. The fitting is used as an alternative to the corner fitting to allow the bending of AKWADRAIN<sup>TM</sup> around an inside or outside corner at a 90-degree angle. A minimum 3-inch-wide (76 mm) polyethylene tape is used to secure each joint.
- 3.2.8 Step Down Fitting: The Step Down Fitting is a black plastic fitting used with AKWADRAIN<sup>TM</sup> to facilitate changing vertical height along a foundation. A minimum 3-inch-wide (76 mm) polyethylene tape is used to secure each joint.
- 3.2.9 Universal Fitting: The Universal Fitting is a black plastic fitting with polypropylene nonwoven geotextile bonded

product covered by the report of the report or a reco 😭 REPORTS" are not to be construed as representing aesthetics or any other attributes not specifically addressed, not are they to be construed as an audosceneat of the subject mandation for its use. There is no warrancy by ICC Evaluation Service, Inc., express or implied, as to any finding or other matter in late report, or as to any

Copyright @ 2004 Page 1 of 2

Page 2 of 2 ESR-1107

to the plastic, and is used to connect various widths of AKWADRAIN™ to the drainage piping. A minimum 3-inchwide (76 mm) polyethylene tape is used to secure each joint.

### 4.0 INSTALLATION

Prior to AKWADRAIN<sup>TM</sup> Foundation Strip installation, waterproofing or dampproofing shall be installed on the below-grade foundation or retaining wall in accordance with the applicable code. AKWADRAIN<sup>TM</sup> drainage material shall be unrolled along the fooling at the base of the wall parallel to the length of the wall. The Filter Fabric adheres to the partially cured waterproofing or dampproofing. When AKWADRAIN<sup>TM</sup> is applied to cured waterproofing, dampproofing or concrete foundations, an adhesive competible with the drainage material, or mechanical means (i.e., insulation anchors as specified by the waterproofing or dampproofing manufacturer), shall be used to hold the drain system in place. An outlet fitting shall be attached to the end of the AKWADRAIN<sup>TM</sup> Foundation Strip Drain, and a 4-inch-diameter (102 mm) plastic pipe complying with the applicable plumbing code is attached to the outlet fitting. The AKWADRAIN<sup>TM</sup> Foundation Strip Drain perimeter drain shall discharge by gravity or mechanical means into an approved drainage system that compiles with the applicable plumbing code. The below-grade foundation or retaining wall shall then be backfilled and compacted to the density required by the applicable code.

The AKWADRAINT<sup>M</sup> Foundation Strip Drain shall be installed in accordance with this report and the manufacturer's published installation instructions. Where the manufacturer's published installation instructions and this report differ, this report shall govern.

## 5.0 CONDITIONS OF USE

The AKWADRAIN<sup>TM</sup> Foundation Strip Drain as described in this report compiles with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 The manufacturer shall submit installation instructions for the AKWADRAIN™ Foundation Ship Drain at the time of permit application.
- 5.2 When acthesives are used to attach the AKWADRAIN™ Foundation Strip drainage system to foundation or retaining walls, American Wick Drain Corporation shall verify compatibility of the adhesives with the drainage system.

## 6.0 EVIDENCE SUBMITTED

- 6.1 Installation instructions.
- 6.2 Data in accordance with the ICC-ES Acceptance Criteria for Composite Foundation Drainage Systems (AC243), dated February 2004.
- 6.3 A quality control manual.

## 7.0 IDENTIFICATION

Each package of the AKWADRAIN<sup>TM</sup> Foundation Strip Drain shall be identified with the name and/or trademark and the address of American Wick Drain Corporation or one of the report (lates, as indicated in Table 1 of this report; the product name; and the evaluation report number (ESR-1107).

TABLE 1--COMPANY NAMEPRODUCT NAME CROSS-REFERENCE

DrainStar®	Tremco Barrier Solutions, Inc.
EGODRAIN-DST4	Epro Services, Inc.
AKWADRAINTH	American Wick Drain Corporation
PRODUCT TRADE NAME	COMPANY NAME