



May 2025
Waterproofing



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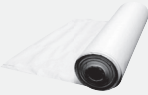
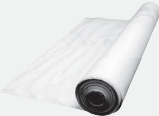
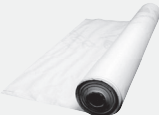




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EARTH CONTACT PRODUCTS







ECP Waterproofing

Crawl Space Encapsulation	pg 1-3
Vapor Barrier	
Tapes	
Dehumidifiers	
Dehumidifier Accessories	
Sump Basins and Accessories	pg 4
Perforated and Non-Perforated Pit	
Pit Extension	
Crawl Space Pit	
Sump Pumps	pg 5-7
Primary/Backup Combo Systems	
Primary Pumps	
Backup Pump Systems	
Batteries	
Accessories	
Interior Drainage	pg 8
Water Channel	
SDS Drain Pipe	
Drain Pipe and Fittings	pg 9
EZ Flow Gravel-Free French Drain System	
Crack Injection	pg 10-11
Injection Epoxy	
Injection Polyurethane	
Paste Epoxy	
Injection Accessories	
Dispensing Gun	
Surface Drainage	pg 12-13
Pop-up Emitters	
Catch Basins	
Square and Round Grates	
Bubblers	
Downspout Adapters	
Drywell and Channel Drain	pg 14
Sub-Surface Drainage	pg 15-16
Dimple Board	
Waterproofing Membrane	
Strip Drain	
Carbon Fiber Repair	pg 17-20
Bowling Wall Laminate and Fabric	
Wall and Floor Crack Repair	
Sump Pump Calculations	pg 21











Crawl Space Encapsulation

ECP Product #	Description	Each Price	Quantity Price	Packaging
	WTR-CVB-124	Crawl Space Vapor Barrier – 12 mil, two sheets of high strength virgin polyethylene film laminated together with a third layer of molten polyethylene. 4' x 200' roll.		
	WTR-CVB-126	Crawl Space Vapor Barrier – 12 mil, two sheets of high strength virgin polyethylene film laminated together with a third layer of molten polyethylene. 6' x 100' roll.		
	WTR-CVB-128	Crawl Space Vapor Barrier – 12 mil, two sheets of high strength virgin polyethylene film laminated together with a third layer of molten polyethylene. 8' x 100' roll.		
	WTR-CVB-12	Crawl Space Vapor Barrier – 12 mil, two sheets of high strength virgin polyethylene film laminated together with a third layer of molten polyethylene. 12' x 100' roll.		
	WTR-CVB-20	Crawl Space Vapor Barrier – 20 mil, consists of virgin outer layers of high strength polyethylene film laminated together with hot molten polyethylene. 12' x 100' roll.		
	WTR-CVB-4	Vapor Barrier Seam Tape - 4"x 180' white poly seam tape.		
	WTR-CVF-100	Mechanical fasteners used to attach vapor barrier membrane to the crawl space or basement wall, 1" thumb push fasteners.		
	WTR-CVB-VC	Crawl Space Vent Cover – closes 8" x 16" vent opening. Black.		
	WTR-CVB-BT	2"x75' double side butyl tape		


Santa Fe

ECP Product #	Description	Each Price	Quantity Price	Packaging
	WTR-SFD-110	Santa Fe Classic - 110 pints/day, sized for spaces up to 2500 SF. 10' power cord and 8' drain hose.		
	WTR-SFD-70	Santa Fe Compact 70 - 70 pints/day, sized for spaces up to 1600 SF. 9' power cord and 8' drain hose.		
	WTR-SFD-105	Santa Fe Oasis 105 - 105 pints/day, sized for spaces up to 2600 SF. 9' power cord and 8' drain hose.		
	WTR-SFD-HK	Dehumidifier Hang Kit - This kit allows the Santa Fe Compact to be hung in the joist space.		
	WTR-SFD-PK	Dehumidifier Pump Kit - Installed with a dehumidification system when condensation needs to be pumped to drain.		
WTR-SFD-FIL-CO	Santa Fe Compact Dehumidifier Filters 12-Pack.			
	WTR-SFD-FIL	Santa Fe Oasis 105 Dehumidifier Filters 12-Pack.		
WTR-SFD-FILC	Santa Fe Classic Dehumidifier Filters 12-Pack.			




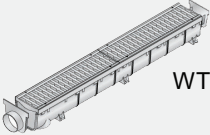
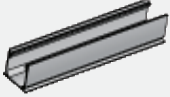
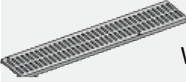




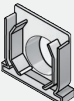

Sump Basins

ECP Product #	Description	Each Price	Quantity Price	Packaging
 WTR-SPP	Sump Basin – perforated. Patented “bell” design allows more water into basin before pump is activated. 26" tall, 18" diameter at top and 24" diameter at bottom. Clear lid included. Radon approved.			
 WTR-SPN	Sump Basin – Non-perforated. Patented “bell” design allows more water into basin before pump is activated. 26" tall, 18" diameter at top and 24" diameter at bottom. Clear lid included. Radon approved.			
 WTR-SPC	Craw I Space Sump Pit – 16" tall pit that can be used in crawl spaces or installs requiring a shallow pit. Clear lid included.			
 WTR-SPE	Sump Basin Extension – 12" extension for our sump basin. Bolted with rubber gasket for tight, sealed connection with basin.			
 WTR-SPP-22	Sump Basin – perforated Black 22" tall X 18" diameter. 20gal capacity.			
 WTR-SPL-22	Sump Basin Lid – Solid lid for 20 gal sump basin.			
 WTR-SPL-22S	Sump Basin Lid – Slotted lid for 20 gal sump basin.			
 WTR-SPS-22	Sump Basin Seal – Lid seal for 20 gal sump basin.			
 WTR-SPS-SS	Sump Basin Seal Kit – Lid seal, cord grommet, pipe grommet. Everything you need to fully seal the 20 gal sump basin.			
 WTR-SPS-22CG	Sump Basin Cord grommet.			








Crack Injection Accessories

ECP Product #	Description	Each Price	Quantity Price	Packaging
 WTR-025-SM	Static Mixing Nozzle – ¼” mixing tube for lower viscosity resins.			
 WTR-050-SM	Static Mixing Nozzle – ½” mixing tube for higher viscosity resins.			
 WTR-025-N	Static Mixer Locking Nut – reusable nut used with ¼” or ½” static mixer nozzle.			
 WTR-025-P	Injection Surface Ports – for use with epoxy and polyurethane injection resins. 50/bag.			
 WTR-025-MGD	Manual Dispensing Gun – dual tube set up with ability to dispense 2:1 or 1:1 cartridge.			

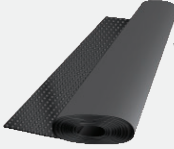
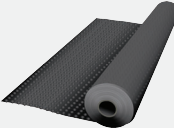
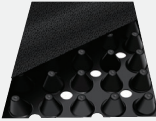
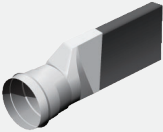
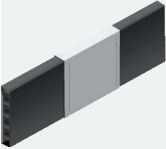

Drywell and Channel Drain

ECP Product #	Description	Each Price	Packaging
	WTR-DW	<p>Drywell System - structural foam, round drywell system. 24" diameter, 28.75" high, 49 gal. with 1.5" knockout leaching ports and 4.5" knockout inlet ports. Fits 4" pipe.</p>	
	WTR-DWB	<p>Drywell Bottom - 24" diameter with six 1.5" leaching ports and a 4.5" center knockout.</p>	
	WTR-DWI	<p>Drywell Surface Inlet - 6" diameter grate with 4" inlet. 9" high.</p>	
	WTR-500-CD	<p>5" Channel Drain Kit - high impact PVC grate and channel for light traffic. 39.75" long x 5" wide, includes 1 end cap and 1 end outlet. Bottom outlet fits 3" & 4" S&D fittings.</p>	
	WTR-300-CD	<p>PVC Mini Channel - 3 1/16" wide x 6" long channel made for a 2 3/4" wide grate.</p>	
	WTR-300-GRA	<p>Mini Channel Grate - 3' long pieces x 2 3/4" wide. 14.8 GPM per foot. ADA compliant / heel proof.</p>	
	WTR-345-GRA	<p>Pre-Fabricated Mini Channel 45° Elbow - Grate Included.</p>	
	WTR-390-GRA	<p>Pre-Fabricated Mini Channel 90° Elbow - Grate Included.</p>	
	WTR-300-C	<p>Mini Channel Coupling - Used to connect two pieces of Mini Channel.</p>	
	WTR-300-EC	<p>Mini Channel End Cap - Makes the end of the Mini Channel.</p>	
	WTR-300-O	<p>Mini Channel Outlet.</p>	
	WTR-300-S	<p>Stainless Steel Screws - FH #4 x 5/8". Used to attach grate to channel.</p>	

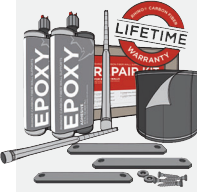
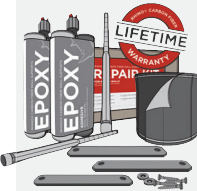


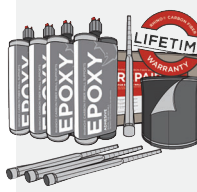
Sub-Surface Exterior Waterproofing

ECP Product #	Description	Each Price	Quantity Price	Packaging
	WTR-DDB-HLM			
	WTR-DDB-MEM			
	WTR-DDB-250			
	WTR-DDB-SUM			
	WTR-DDB-P			
	WTR-DDB-MAS			
	WTR-DDB-TS			
	<p>MasterSeal HLM 5000 - one-component, moisture-curing, bitumen-modified polyurethane elastomeric waterproofing membrane for exterior below-grade or between-slab applications. 5 gallon bucket.</p>			
	<p>Waterproofing Membrane - heavy-duty, elastomeric foundation waterproofing membrane. The added rubber polymers give a high degree of elongation to span foundation shrinkage cracks to protect the interior from water penetration. Average coverage 125 sqft.</p>			
	<p>Waterproofing Membrane - heavy-duty, elastomeric emulsion membrane that is applied to any poured wall foundation. Spray or roller applied. 250 gallon liquid tote.</p>			
	<p>ArmorSheet 600 – Self adhering sheet membrane, 60 mil, suitable for installations where the ambient temperature is 40F or above. 37" x 60' 215 sqft/roll.</p>			
	<p>CCW-702 is a quick-drying, solvent-based, high-tack adhesive specifically designed to promote maximum adhesion of CCW Membrane Waterproofing products.</p>			
	<p>362 All Season Mastic – Heavy bodied trowel grade coating. Excellent for patching tie holes, filling honeycombed areas, and helping seal peel and stick membranes.</p>			
	<p>Waterproofing Membrane - 10 ft. aluminum termination strip for peel and stick membrane.</p>			








Sub-Surface Exterior Waterproofing

<i>ECP Product #</i>	<i>Description</i>	<i>Each Price</i>	<i>Quantity Price</i>	<i>Packaging</i>
 <p>WTR-DDB-400</p>	<p>Dimple Drainage Board With Fabric residential composite sheet drainage system, 4' x 50' rolls.</p>			
 <p>WTR-DDB-800</p>	<p>Dimple Board Sheet Drain - 8' x 65.5' rolls (524 SF), without filter fabric.</p>			
 <p>WTR-SSD-600</p>	<p>6" Strip Drain - three dimensional, high flow, drainage core that is wrapped with a non-woven filter fabric. 6" wide x 165' long rolls, 1" thickness.</p>			
 <p>WTR-SSD-EO</p>	<p>6" Strip Drain End Out Connector - used to make the connection from 6" strip drain to 4" plastic pipe.</p>			
 <p>WTR-SSD-S</p>	<p>6" Strip Drain Splice Connector - used to connect two sections of 6" strip drain.</p>			
 <p>WTR-SSD-CF</p>	<p>6" Corner Fitting Connection - Used to make corner turns of two pieces of 6" strip drain.</p>			


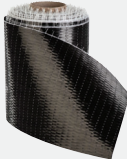
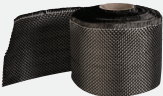
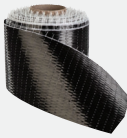


Carbon Fiber Repair

ECP Product #	Description	Each Price	Quantity Price	Packaging
 WTR-RCF-7	<p>Components:</p> <ul style="list-style-type: none"> (3) 7 Foot Carbon Fiber Straps (2) Tubes of Rhino Epoxy Adhesive (3) Sill Plate Brackets (3) Shear Pin Kits <p>Bolts, washers, epoxy nozzle, gloves and instructions.</p>			
 WTR-RCF-8	<p>Components:</p> <ul style="list-style-type: none"> (3) 8.5 Foot Carbon Fiber Straps (2) Tubes of Rhino Epoxy Adhesive (3) Sill Plate Brackets (3) Shear Pin Kits <p>Bolts, washers, epoxy nozzle, gloves and instructions.</p>			
 WTR-RCF-9	<p>Components:</p> <ul style="list-style-type: none"> (3) 9.5 Foot Carbon Fiber Straps (2) Tubes of Rhino Epoxy Adhesive (3) Sill Plate Brackets (3) Shear Pin Kits <p>Bolts, washers, epoxy nozzle, gloves and instructions.</p>			
 WTR-RCF-10	<p>Components:</p> <ul style="list-style-type: none"> (3) 10.5 Foot Carbon Fiber Straps (3) Tubes of Rhino Epoxy Adhesive (3) Sill Plate Brackets (3) Shear Pin Kits <p>Bolts, washers, epoxy nozzle, gloves and instructions.</p>			
 WTR-RCF-CNR	<p>Components:</p> <ul style="list-style-type: none"> (4) 10 Foot Rhino Carbon Fiber Straps (4) Tubes of Rhino Epoxy Adhesive <p>Static Epoxy Nozzle, Gloves and Instructions.</p>			






Carbon Fiber Repair

ECP Product #	Description	Each Price	Quantity Price	Packaging
	WTR-RCF-CRK Crack Repair Kit Components: (1) 9.5' of 12" Wide Carbon Fiber (2) Tubes of Rhino Epoxy Adhesive Static Epoxy Nozzle, Gloves and Instructions.			
	WTR-RCF-8BD Crack Repair Kit Components: (1) 8' of 12" Wide Carbon Fiber (2) Tubes of Rhino Epoxy Adhesive Static Epoxy Nozzle, Gloves and Instructions.			
	WTR-RCF12-164 164' x 12" Bi-directional bulk roll kit with 30 tubes of epoxy			
	WTR-RCF12-164N 164' x 12" Bi-directional bulk roll kit w/o epoxy			
	WTR-RCF-CLK Crack Lock Kit Components: (20) Concrete Crack Locks (1) Tube Of Rhino High Strength Epoxy Paste, Nozzle, Gloves, Instructions.			
	WTR-RCF-EPX Epoxy adhesive for carbon fiber fabric			
	WTR-RCF-HSP Epoxy paste for crack lock and void fill.			

Carbon Fiber Repair

ECP Product #	Description	Each Price	Quantity Price	Packaging
	WTR-CFS-12-164B	164' of 660 gsm 12" bidirectional carbon fiber, 30 tubes of CFS Saturant Structural Epoxy, 30 pairs of gloves, 6 trowels		
	WTR-CFS-12-164U	164' of 400 gsm 12" unidirectional carbon fiber, 30 tubes of CFS Saturant Structural Epoxy, 30 pairs of gloves, 6 trowels		
	WTR-CFS-6-164B	164' of 600 gsm Bidirectional 6" carbon fiber, 15 tubes of CFS Saturant Structural Epoxy, 3 trowels, 15 pairs of gloves		
	WTR-CFS-6-164U	164' of 400 gsm unidirectional 6" carbon fiber, 15 tubes of CFS Saturant Structural Epoxy, 3 trowels, 15 pairs of gloves		
	WTR-CFS-4U	54' of 400 gsm unidirectional 6" carbon fiber, 5 tubes of CFS saturant epoxy, 6 SupportLocks 6" long (top connection), 6 CFS SupportBars 18" long (base connection), 6 top plate brackets, 6 lower support bars, lag bolts w/ washers, gloves, putty knife.		
	WTR-CFS-6B	54' of 600 gsm bi-directional 6" carbon fiber, 5 tubes of CFS saturant epoxy, 6 SupportLocks 6" long (top connection), 6 CFS SupportBars 18" long (base connection) 6 top plate brackets, 6 lower support bars, lag bolts w/ washers, gloves, putty knife.		

Carbon Fiber Repair

ECP Product #	Description	Each Price	Quantity Price	Packaging
	WTR-CFS-CRKB	(1) 10' of 600 gsm bi-directional 12" carbon fiber, 2 tubes of CFS saturant epoxy, gloves, putty knife		
	WTR-CFS-EPX	Single cartridge of structural epoxy, mixing nozzle, gloves		
	WTR-CFS-EPX12	12 pack of saturant structural epoxy, mixing nozzles, gloves		
	WTR-CFS-HSP	single cartridge of epoxy paste used for leveling, mixing nozzle, gloves		
	WTR-CFS-HSP12	12 pack of epoxy paste used for leveling, mixing nozzles, gloves		

Total Dynamic Head and Sump Pumps

ECP Product #

Description

Each Price

Quantity Price

Packaging

Total Dynamic Head (TDH) = Static Head (SH) + Friction Head (FH)

Determine Static Head

Static Head is the vertical height that the water rises through the discharge pipe.

SH = 10'

Determine Friction Head

Friction Head is "the equivalent length of pipe" plus the actual length of pipe multiplied by the "friction loss" divided by 100.

$$FH = \frac{(EL + VL) FL}{100}$$

Step 1. Determine Equivalent Length of Pipe

The equivalent length of pipe is determined by how many pipe fittings are required in your system.

Step 2. Determine the Vertical Pipe Length

The actual pipe length is the length of pipe running horizontally.

VL = 4'

Step 3. Determine Friction Loss

Friction loss = amount of friction from water moving through the pipe at a determined volume.

FL = 6.74

Now, enter the found values into the TDH equation

$$FH = \frac{(EL + VL) FL}{100} = FH = \frac{(24 + 4) 6.74}{100} = 1.89$$

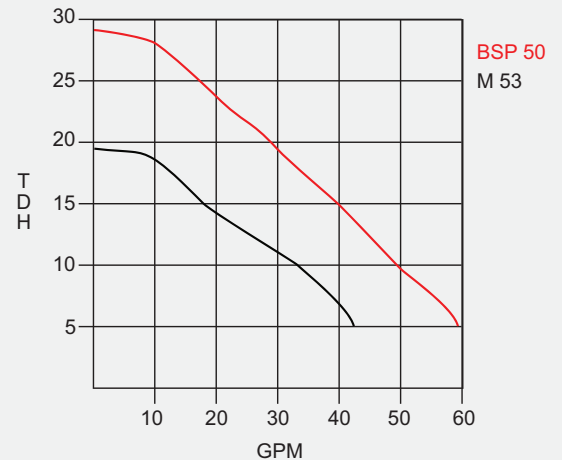
To complete the Total Dynamic Head equation, remember:

Total Dynamic Head = Static Head + Friction Head

$$TDH = 10' + 1.89' = 12'$$

At 12' TDH the BSP50 = 48 GPM and the M53 = 30 GPM

Dynamic Static Head

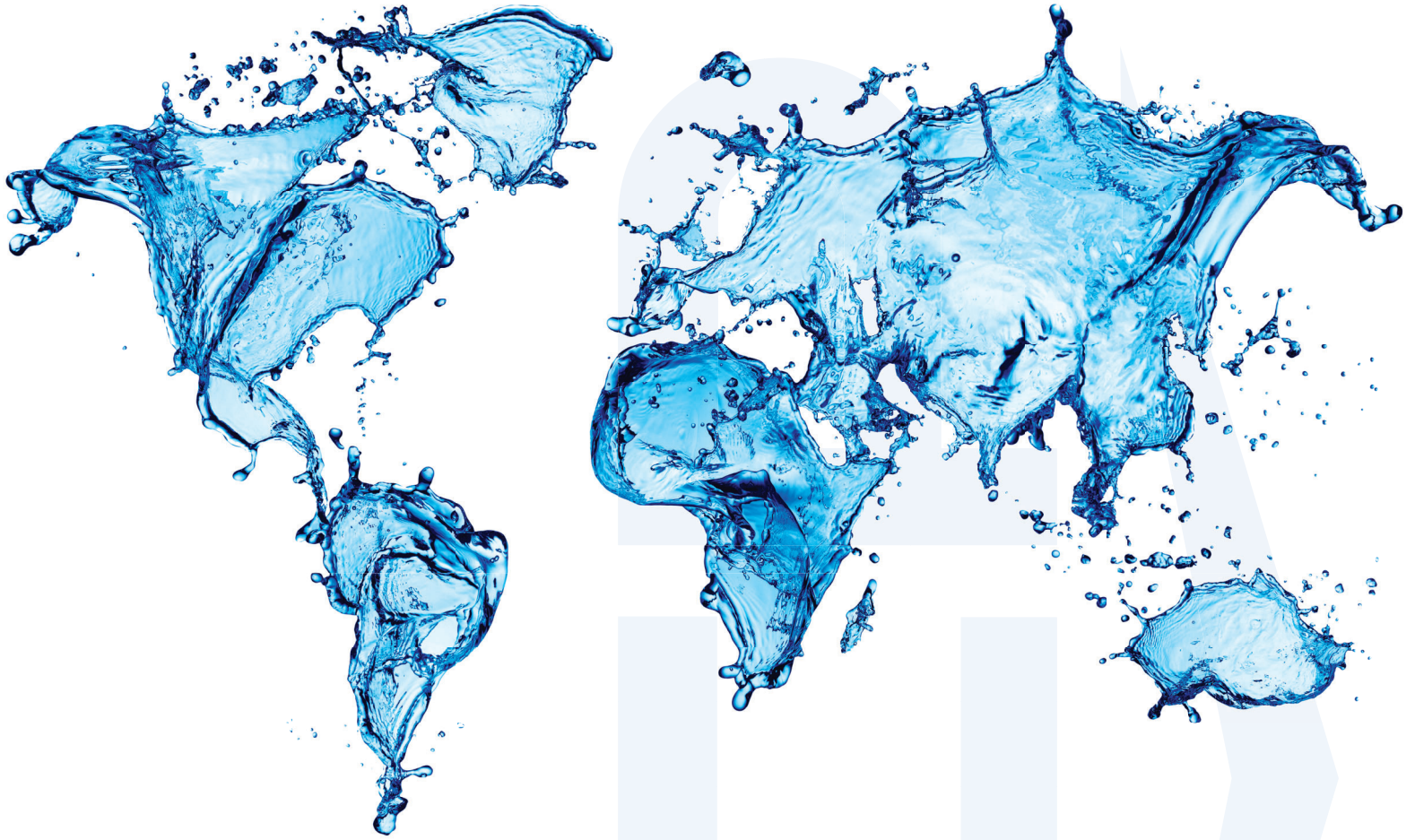


Pipe Fitting Equivalent

	90°	45°	Coupler	T or Wye	Check Valve
1-1/2"	4	2	1.5	8	11.5

Friction Loss of Pipe

GPA	1-1/2"
10	.88
15	1.87
20	3.18
25	4.81
30	6.74



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