Drying Agents & Water Removal Catalog

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DIAMOND DRY®

Go from "rained out" to "play ball!" in 15 minutes.

PARTAC PEAT CORPORATION
ONE KELSEY PARK, GREAT MEADOWS, NEW JERSEY 07838
**DIAMOND DRY VS. CALCINED CLAY**

**EFFICIENCY:** To dry a field, a 40lb. bag of Diamond-Dry does the work of four 50 lb. bags of clay. The secret: Diamond-Dry absorbs 500% more water than clay.

**LABOR:** 80% less labor — one man working with Diamond-Dry produces the same result as five men working with clay.

**SPACE:** Diamond-Dry’s space requirements are 80% less than clay. No need to store expensive equipment outside.

**FREIGHT:** Smaller quantities mean less freight . . . 80% less freight.

**TEST PROVEN!**

Diamond Dry Absorbs 500% More Water Than Clay.

**DIAMOND-DRY IS THE BEST CHOICE IN THE FIELD, BECAUSE IT:**

- Spreads quickly and easily, drying out the field in minutes, without changing soil character.
- Is safe, natural (cellulose fibers) with no residue build-up.
- Can be applied to soggy grass and muddy areas.
- Will not produce combustible fumes.
- Is less expensive to use. One bag absorbs up to 5 times as much as any other product because of its effectiveness.
- Less warehouse space, less bags to handle, less labor, less freight.
- Saves money in eliminating the added expenses of rescheduled games.
- Large inventory assures prompt delivery.

Diamond Dry is safe and effective for soccer and football fields.

*Used extensively in the English Professional Soccer League as well as the National Football League.*

- **NON-TOXIC**
- **NON-CAUSTIC**
- **NO CHEMICAL ADDITIVES**
- **BIO-DEGRADABLE**
- **100% SAFE TO SKIN AND EYES**
- **CAN BE USED ON GRASS OR DIRT AREAS WITH NO ADVERSE EFFECTS TO SOIL OR GRASS**
### DIAMOND DRY® - THE ORIGINAL & MOST ABSORBENT INFIELD DRYING AGENT

To Quickly Dry Infields! 4 times more absorbent than Calcined Clay. New granular size and a reddish/beige color. 40 lb. Bags, 50/Pallet

<table>
<thead>
<tr>
<th></th>
<th>DD-NJ</th>
<th>DD-IN</th>
<th>DD-IA</th>
</tr>
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<tbody>
<tr>
<td>F.O.B., NJ</td>
<td>$12.95</td>
<td>$12.75</td>
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<tr>
<td>F.O.B., IN (Full pallets of 50)</td>
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<td>$9.25</td>
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<td>F.O.B., IA (Full pallets of 50)</td>
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**PALLET & COVER CHARGE:** NJ $6.50/PALLET; IA included in price.

**DIAMOND DRY® INSTALLATION & PRODUCT INFORMATION SHEET**
Diamond Dry in action. Photo Top Left: Maintenance worker views rainwater accumulated near second base; Top Right: He spreads a shovel full of Diamond Dry on the puddle; Bottom Left: He then rakes covered area to mix Diamond Dry with water and levels area; Bottom Right: Completed job. 15 minutes later the area will be ready for play.
THE ORIGINAL & MOST ABSORBENT INFIELD DRYING AGENT
Is Now NEW & IMPROVED!

WHAT!
We Came 100 Miles
And You Don’t Use
DIAMOND DRY!

DIAMOND-DRY.
NEW GRANULAR SIZE – LESS DUSTY
FASTER DRYING – 20% MORE WATER ABSORPTION
NEW REDDISH/BEIGE COLOR

ALL PRICES SUBJECT TO CHANGE & AVAILABILITY PLUS SHIPPING
Rapid Dry®

drying agent

Stay in the game...

With Rapid Dry drying agent. When you need a game saver, you need Rapid Dry in the lineup. It quickly wicks away excess water from your playing field and improves soil consistency. Its perfectly-sized granules improve stability, encourage rapid absorption and reduce compaction with less dust than other quick drying products. Its sand-like texture improves footing on slippery surfaces. Rapid Dry is the only drying agent available in the same deep red color as Pro’s Choice infield conditioner. It works quickly so puddles disappear and you’re back in the game — fast.

Ask about our entire team of sports field products for top performance on your baseball, football and soccer fields.

ALL PRICES SUBJECT TO CHANGE & AVAILABILITY PLUS SHIPPING

PARTAC PEAT CORPORATION
ONE KELSEY PARK, GREAT MEADOWS, NEW JERSEY 07838
800-247-BEAM (2326) • (908) 637-4191 • FAX (908) 637-8421
www.beamclay.com • sales@beamclay.com
Rapid Dry® drying agent

Rapid Dry drying agent is the game-saving fix for wet, muddy ballfields. Because it is specifically manufactured to be a drying agent and not just a powdered by-product, it has the perfect granule size to stabilize muddy areas on the skinned parts of the infield and blend into the turf in your outfield, too. It’s easy and economical to use.

To Apply to Infields:
1. Pour a sufficient amount of Rapid Dry drying agent on top of puddles or soggy area.
2. Spread evenly over the entire wet area with a rake or by hand.
3. Once the water is absorbed, work the material into the soil with a rake. Use a drag mat on large areas.

Repeat steps 1-3, until desired surface condition is achieved.

To Apply to Turf Areas:
4. Fan out with a shovel or spreader to evenly distribute over wet and soggy turf. Reapply until free water disappears. A push broom can be used to help work Rapid Dry drying agent into the turf thatch.

Long Term Benefits:
Because it’s heat-treated, these durable granules easily mix with, and remain rigid in, the soil to continually absorb excess moisture.

For more information on Pro’s Choice sports field products, please feel free to contact us.
**CALCINED MONTMORILLONITE CLAY**
From plants in Ripley, MS, Taft, CA, or Great Meadows, NJ.

**PRO’S CHOICE® INFIELD CONDITIONER/TOP-DRESSING/DRYING AGENT**
To help control moisture content, firm wet infields, relieve compaction, and improve drainage! 50 lb. bags, 40/Pallet. Full pallets only from MS, CA, any quantity from NJ. Reddish-beige with a redder tint when damp, except Pro Red or Pro Brown are dark red or dark brown.

<table>
<thead>
<tr>
<th>Product Description</th>
<th>FOB MS</th>
<th>FOB CA</th>
<th>FOB NJ</th>
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<tbody>
<tr>
<td>SELECT (Pro Grade, Very Uniform Coarse: 8/16) (blue bag)</td>
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<tr>
<td>(1mm-2.5mm) F.O.B., MS (BULK-A41202) (BAG-A45202G40)</td>
<td>$324</td>
<td>—</td>
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<tr>
<td>F.O.B., CA (A45202G40-CA)</td>
<td>—</td>
<td>$13.95</td>
<td>—</td>
</tr>
<tr>
<td>One-Ton Bulk Bags F.O.B., MS (A42402G01)</td>
<td>$389</td>
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<tr>
<td>PRO RED (Pro Grade, Very Uniform, Coarse: 8/16, Long Lasting DARK RED Not Temporarily Dyed Red) (beige bag)</td>
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<tr>
<td>(1mm-2.5mm) F.O.B., MS (A45503G40R)</td>
<td>—</td>
<td>$13.15</td>
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<tr>
<td>F.O.B., NJ (A45503G40R-NJ)</td>
<td>—</td>
<td>$12.75</td>
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<tr>
<td>PRO BROWN (Pro Grade, Very Uniform, Coarse: 8/16, Long Lasting DARK BROWN Not Temporarily Dyed Brown) (brown bag)</td>
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<td>(1mm-2.5mm) F.O.B., MS (A45503G40B)</td>
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<td>$14.65</td>
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<tr>
<td>F.O.B., NJ (A45503G40R-NJ)</td>
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<td>$18.95</td>
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<td>CERAMIC (Pro Grade, Very Uniform, Non-Abrasive, Sand Size: 24/48) (green bag)</td>
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<td>(.25-.75mm) F.O.B., MS (A45221G40)</td>
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<td>F.O.B., NJ (A45221G40-NJ)</td>
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<tr>
<td>RED (Regular Coarse Grade: 5/20 Redder Beige) (dark red bag)</td>
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<td>(.5mm-4mm) F.O.B., MS (A45201G40)</td>
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<td>F.O.B., CA (BAG A45216G40-CA)</td>
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<td>$13</td>
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<tr>
<td>F.O.B., NJ (BAG A45201G40-NJ)</td>
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<tr>
<td>One-Ton Bulk Bags F.O.B., MS (A45201G01)</td>
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<tr>
<td>TURF (GREY/BEIGE) BLEND (Regular Coarse Grade: 5/20) (gray bag)</td>
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<tr>
<td>(.5mm-4mm) F.O.B., MS (BULK A41301) (BAG A45301G40)</td>
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<tr>
<td>One-Ton Bulk Bags F.O.B., MS (A1240G01)</td>
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<tr>
<td>RAPID DRY™ (Fine Drying Agent Grade: 16/80, Non-Abrasive) (orange bag)</td>
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<td>(.1mm-1mm) (w/o dust) F.O.B., MS (A45216G40)</td>
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<td>F.O.B., CA (A45216G40-CA)</td>
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<td>$13.15</td>
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<tr>
<td>F.O.B., NJ (A45216G40-NJ)</td>
<td>—</td>
<td>$12.75</td>
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<tr>
<td>PROFESSIONAL (Pro Grade, Very Uniform, Coarser: 5/10) (red bag)</td>
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<tr>
<td>(2mm-4mm) F.O.B., MS (A45207G4028)</td>
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<td>F.O.B., NJ (A45207G4028-NJ)</td>
<td>—</td>
<td>$15.95</td>
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</table>

**Pallet & Cover Charge:** NJ $6.50/pallet (partial pallets available with no extra charge); MS & CA pallet included in price (full pallets only).

**ALL PRICES SUBJECT TO CHANGE & AVAILABILITY PLUS SHIPPING**

** PARTAC PEAT CORPORATION**
ONE KELSEY PARK, GREAT MEADOWS, NEW JERSEY 07838

800-247-BEAM (2326) • (908) 637-4191 • FAX (908) 637-8421

www.beamclay.com • sales@beamclay.com
Traditional solutions to drainage problems often require significant upfront expense and labor to install. Plus, many of them will fail over time as they become clogged or broken through the natural compaction of soil. Pro’s Choice® is a lasting solution that requires minimal upfront labor and cost. These products work to reduce compaction and do not break down over time, providing a long-term, economical solution. Professional groundskeepers trust Pro’s Choice to manage moisture even in the most adverse weather conditions.

Pro’s Choice products have a very high liquid holding capacity due to their superior internal pore volume. When combined with our thermal optimization process that drives moisture out, Pro’s Choice is left ready to absorb moisture quickly. Unlike sand or stone, the product’s natural capillary action quickly wicks water away and holds it, gradually releasing it over time. This technology can be utilized to prevent or solve difficult drainage challenges.

When installed in one larger or a series of smaller landscape drainage trenches, Pro’s Choice will quickly absorb excess water and prevent it from collecting on the surface of your field.
Plan Your Trench:

Each 50 lb. bag after compaction = approximately 1.35 cubic feet. Using the example of a 25 foot long x 4” wide trench backfilled with 7 inches of Pro’s Choice, use the following calculation to find out how much product is needed:

25 ft (L) x .33 ft (W) x .58 ft (D) = 4.785 cubic feet required

In this case you would need 3.5 bags to fill the 25 ft. trench.

While an outlet is ideal, it is usually not necessary, as the length of the trench usually provides enough volume that an outlet is not critical.

Build Your Trench:

Follow these three easy steps:

Step 1: Determine the number of trenches you will need for your area and mark out placement. Every inch of depth in your trench, water will be pulled from 1 foot on either side of the trench. A 6 inch deep trench would require a trench every 12 feet. However, a trench a few inches in from the grass edge of a skinned infield will provide excellent drainage.

Step 2: Dig or use a walk-behind trencher. The size of your trench can vary. Many of the walk-behinds will cut a trench about 4 inches wide and 8 inches deep.

Step 3: For best results, make sure that the trench has at least a 1% slope from beginning to end. A 25 foot long trench would have a pitch of at least 3 inches (25 feet x .01 = .25 or 3 inches).

Step 4: Backfill all but the top1” inch of your trench(es) with Pro’s Choice conditioner. Then add 1 inch of top soil to grade (for turf area) or 2”-3” of infield mix (for skinned area).

Long-Term Benefits:

Eliminate saturated soils and continually absorb excess moisture season after season.
WATER REMOVAL

SUPER-SOPPER® WATER REMOVAL MACHINES
Collect water and carry it away from any playing surface, from golf greens to tennis courts to muddy ballfields. Super Soppers prevent cancelled events and reduce turf damage. The foam pad on the outside absorbs water which is squeezed into a holding tank by an adjustable top roller. To empty, turn the drain elbow down. Both models include transport wheels for moving and storing units.

MACKERAL
6 Gallon Manual (24” Wide x 15” Diameter) #SS-MAC $625
6 Gallon Replacement Foam #SS-MAC-RF $35

DOLPHIN
14 Gallon Manual (24” Wide x 24” Diameter) #SS-DOL $795
14 Gallon Replacement Foam #SS-DOL-RF $45

FILTER CLOTH 14’ Wide x 20’ (Typar® 3251) #SS-FC $85

A filter cloth, which is needed on most infield puddles which have been sitting for more than a day, is highly recommended.

USING A SUPER SOPPER IN SLOPPY CONDITIONS

SIMPLY PLACE CLOTH OVER PUDDLE THEN ROLL SUPER SOPPER OVER CLOTH. THE TOUGH POLYPROPYLENE MATERIAL IS LIGHTWEIGHT AND CAN BE USED OVER AND OVER. NOT ONLY IS SURFACE WATER PICKED UP BUT THE WATER IS ACTUALLY SQUEEZED OUT OF THE MUD!

THIS 18’ x 12’ PUDDLE CONTAINING 20 GALLONS OF WATER WAS REMOVED IN ABOUT 10 MINUTES!
**WATER REMOVAL CONTINUED**

**DIAMOND PUMPS (BLACK ABS PLASTIC)**

Pump up to 20 GPM without electricity! Great for removing standing water from Baseball Diamonds or Irrigation Line breaks. Easy to use - just place in water and start pumping into a bucket or off the field through Diamond Pump Hose. Diamond Pumps are made to work in mud puddles. Heavy-duty Black ABS Plastic housing with tough PVC handle and piston rod and metal base disc. Base disc prevents mud from entering into the pump. Flexible piston and valve are unaffected by dirt.

---

**PUDDLE PILLOWS**

For small puddles. Reusable 15” x 18” pillows absorb up to 1 gallon each. After drying up puddle, squeeze pillows to release absorbed water. Allow to dry and reuse.

Box of 10, 12 lbs.  **#01539**  $85

---

**YANKEE® & MIDWEST™ HEAVY-DUTY ROLLER SQUEEGEES**

Non-absorbent, closed cell for pushing water off Baseball Diamonds and Sports Turf. Absorbent, open cell for hard surface Tennis Courts and other Artificial Surfaces.

See Infield Grooming Equipment for **Midwest™** Roller Squeegees.

See Infield Grooming Equipment for **Yankee®** Roller Squeegees

---

### WHOLESALE PRICE LIST

**EFFECTIVE: JANUARY 1, 2019**

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Price</th>
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<tbody>
<tr>
<td>3’ High Standard Model</td>
<td>#DIAPUMP</td>
<td>$95</td>
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<tr>
<td>25’ Hose 1½” I.D. PVC</td>
<td>#DIAPUMP25</td>
<td>$55</td>
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<tr>
<td>50’ Hose 1½” I.D. PVC</td>
<td>#DIAPUMP50</td>
<td>$110</td>
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<tr>
<td>75’ Hose 1½” I.D. PVC</td>
<td>#DIAPUMP75</td>
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<tr>
<td>100’ Hose 1½” I.D. PVC</td>
<td>#DIAPUMP100</td>
<td>$220</td>
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<tr>
<td>Quick Hose Connect</td>
<td>#DIAPUMPQHC</td>
<td>$30</td>
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<tr>
<td>#3033 Piston Rod Complete</td>
<td>#DIAPUMP3033</td>
<td>$45</td>
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<tr>
<td>(A replacement piston rod with handle, cap and attached cup ready to use with pump body.)</td>
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<tr>
<td>#3043-RC Repair Kit with Cap</td>
<td>#DIAPUMP3043-RC</td>
<td>$30</td>
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<td>(Includes piston cup, cap with seal attached, clamps to re-attach piston cup, &amp; check valve.)</td>
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<tr>
<td>#3043-R Repair Kit</td>
<td>#DIAPUMP3043-R</td>
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<td>(Includes piston cup, seals, clamps to re-attach piston cup, &amp; check valve.)</td>
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</tr>
<tr>
<td>#3033 Box of 10, 12 lbs.</td>
<td>#01539</td>
<td>$85</td>
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</table>

All prices subject to change & availability plus shipping.

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**PARTAC PEAT CORPORATION**

ONE KELSEY PARK, GREAT MEADOWS, NEW JERSEY 07838  
800-247-BEAM (2326) • (908) 637-4191 • FAX (908) 637-8421  
www.beamclay.com • sales@beamclay.com
TerraFlow™ Easy to install: Allow a minimum drop of 6” per 100 linear feet and minimum depth of 6” from surface for aerification.

1. Roll back sod where Terra-Flow lines will run.
2. Cut 3” wide trench.
3. Lay TerraFlow lines in 12” deep trench.
4. Join TerraFlow lines using only a utility knife, coupler and tape, or roll back fabric, overlap two rows of cups, and roll back for a secure connection.
5. Place in trench. Backfill with sand.
6. Replace sod.
7. Completed TerraFlow System. Installation time: About 100 Ft. per hour.
8. Green was back in play in 2 hours with TerraFlow.

TERRA-FLOW™ DRAINAGE SYSTEMS Quick drainage installation with minimal damage to turf!

<table>
<thead>
<tr>
<th>ROLLS PER PALLLET</th>
<th>WEIGHT PER ROLL</th>
<th>EACH</th>
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<tbody>
<tr>
<td>6” x 165’ #MVP-6</td>
<td>16</td>
<td>$155/roll</td>
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<tr>
<td>6” T-Adaptor #VerticalT6</td>
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<td>$15</td>
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<tr>
<td>6” Side Outlet to 4” Round #SideOut6</td>
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<td>$15</td>
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<tr>
<td>6” End Outlet to 4” Round #EndOut6</td>
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<tr>
<td>6” Splice #Splice6</td>
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<td>$8</td>
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<tr>
<td>6” End Cap #End6</td>
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<tr>
<td>WATERPROOF TAPE #JTAPE (2” wide x 108’ per roll)</td>
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<td>$24.95</td>
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</tbody>
</table>

ALL PRICES SUBJECT TO CHANGE & AVAILABILITY PLUS SHIPPING
Natural Turf Fields

- Requires only shallow, narrow trenches
- Less labor required
- High flow capacity
- Easy to handle and install
- No gravel backfill needed
- Very effective - No clogging
- Athletic activities may be resumed after a shorter period of time without fear of damaging the turf

Very cost effective: Narrow, shallow trenches can be installed for a fraction of the cost of pipe and gravel filled trenches. Less intrusive to playing area.
Synthetic Turf Fields

- Eliminates trench excavation costs
- Very high flow rate
- Easy installation
- High compression strength
- Large collection area
- Amount of gravel backfill is greatly reduced

12’ x 165’ (25 roll minimum) #MVP-12 $255/ROLL
12” End Outlet to 6” Round #ENDOUT12 $25/EA
12” Splice #SPLICE12 $15/EA
12” Side Outlet to 6” Round #SIDEOUT12 $25/EA

Very cost effective: eliminates all trenches across field while speeding up construction time and reducing installation cost.

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www.beamclay.com • sales@beamclay.com
BEAM CLAY®
Water Removal—Terra-Flow™ Drainage Systems

WHOLESALE PRICE LIST
EFFECTIVE: JANUARY 1, 2019

WHOLESALE PRICE LIST
EFFECTIVE: JANUARY 1, 2019

TerraFlow™

Cross Section Details

NOTE: MWP-6 is placed vertically in narrow trenches and sloped to sidelines. Narrow trenches are less intrusive to playing field.

TYPICAL NATURAL TURF DETAIL

NOTE: MWP-12 is placed horizontally across playing field and sloped to sideline trenches thus eliminating crossfield trenching.

TYPICAL SYNTHETIC TURF DETAIL

Physical Properties

| Core | Compressive Strength (ASTMD-1621) | 12,500 psf (580 kN/m³) |
|      | In Plane Flow (ASTMD 4716) | 1 in. 30 gpm/ft width (372 lpm/m) |
| Roll | Roll Weight | 38 or 68 lbs. (17 or 30.5 kgs.) |
|      | Roll Width | 6”, 12”, & 18” (15, 30, & 45 cm) |
|      | Roll Length | 165 ft. (50.29 meters) |

Fabric

| Flow (ASTM D-4491) | 140 gpm/ft² (5704 lpm/m²) |
| 2” lbs (1.11 kN) |
| U.S. Sieve | .212 mm |
| Crush Force (ASTM D-4751) | 11.1 lbs (49 kN) |
| Mullen Durst (ASTM D-3700) | 210 PSI (1447 KPa) |
| U.V. Resistance (ASTM D-4355) | 70% @500 hrs. |
| MWP-6 Black Non-Woven | 95 gpm/ft² (3870 lpm/m²) |
| 22.5 lbs (1 kN) |
| 50 U.S. Sieve | .30 mm |
| 111 lbs (484 kN) |
| 90 PSI (620 KPa) |
| 70% @500 hrs. |
| MWP-12 Grey Spun-Bonded |