

# CIVIL & STORMWATER SOLUTIONS

STORMWATER MANAGEMENT, GEOSYNTHETICS, EROSION CONTROL, DRAINAGE PRODUCTS & MORE

*SECOND EDITION – 2016*





## When Most Contractors Hear the Name Thompson . . .

they associate it with the #1 Building Materials Supplier in Southern California. While we are proud to be a part of the Thompson family, we are so much more than building materials.

We are Thompson Construction Supply and this is our Civil & Stormwater Solutions Catalog. This book provides a brief overview of the specialized products we supply to Wet Utility, General Engineering, DOT, Landscape and Erosion Control Contractors.

In addition to our specialty product selection, The Thompson Sales team has more than 100 years of collective experience serving the construction industry. We use that knowledge and experience to help you with your project from the bidding stage through installation.

We serve all of Southern California from our location in Corona, CA. We invite you to come into the store and see how our large inventory selection, competitive pricing and unparalleled service are the secret of our success for more than 50 years.



If you are interested in becoming a business partner or team member:

Please contact:  
Robert Leos  
Vice President / General Manager  
rleos@tbmdf.com

Rick Leone  
Civil & Stormwater Division Manager  
rleone@tbmdf.com

## CMP DETENTION SYSTEMS



## CMP DETENTION SYSTEMS



Contech's corrugated metal pipe's (CMP) stormwater detention and infiltration systems store stormwater exceeding a site's allowable discharge rate and release it slowly over time.

Systems can be sized and shaped to meet site-specific needs, and are available fully or partially perforated. Contech's CMP detention and infiltration systems are available in all AASHTO M-36 types, with various coatings to achieve 75-100 year design service life.

Systems ship direct from the factory for fast delivery minimizing downtime while saving in shipping costs.



## SELF-CLEANING STORM FILTERS



**CONTECH**  
ENGINEERED SOLUTIONS

Rechargeable, self-cleaning, media-filled cartridges absorb and retain the most challenging stormwater runoff pollutants including total suspended solids, hydrocarbons, nutrients, metals, and other common pollutants.

## CDS HYDRODYNAMIC SEPARATORS



**CONTECH**  
ENGINEERED SOLUTIONS

Contech's CDS hydrodynamic separator uses swirl concentration and patented continuous deflective separation to screen, separate and trap trash, debris,

sediment, and hydrocarbons from stormwater runoff. It retains 100% of floatables and neutrally buoyant debris 2.4mm or larger, and is the only non-blocking screening technology available.

## DUROMAXX® SYSTEMS



**CONTECH**  
ENGINEERED SOLUTIONS

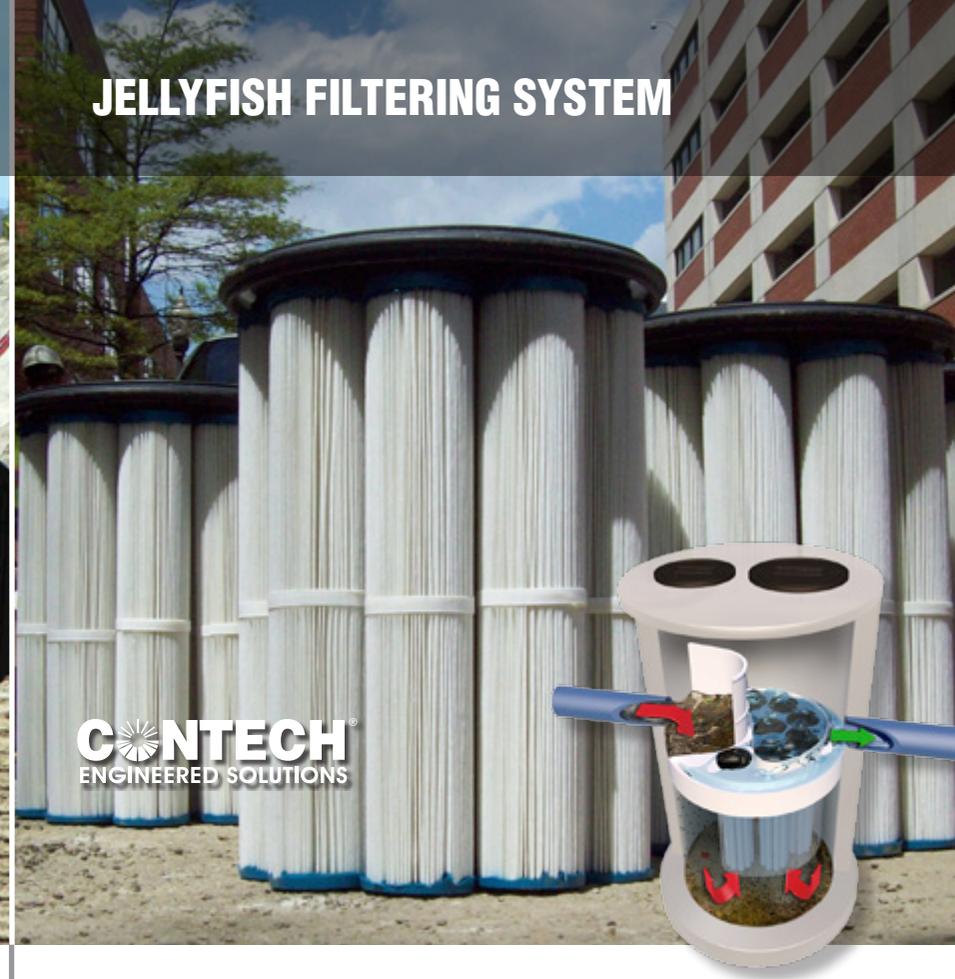
Contech's DuroMaxx steel-reinforced polyethylene pipe makes it an exceptionally strong and durable pipe. It has fewer joints to assemble on site, water tight, and can be used with corrosive soils.

## RAIN WATER HARVESTING



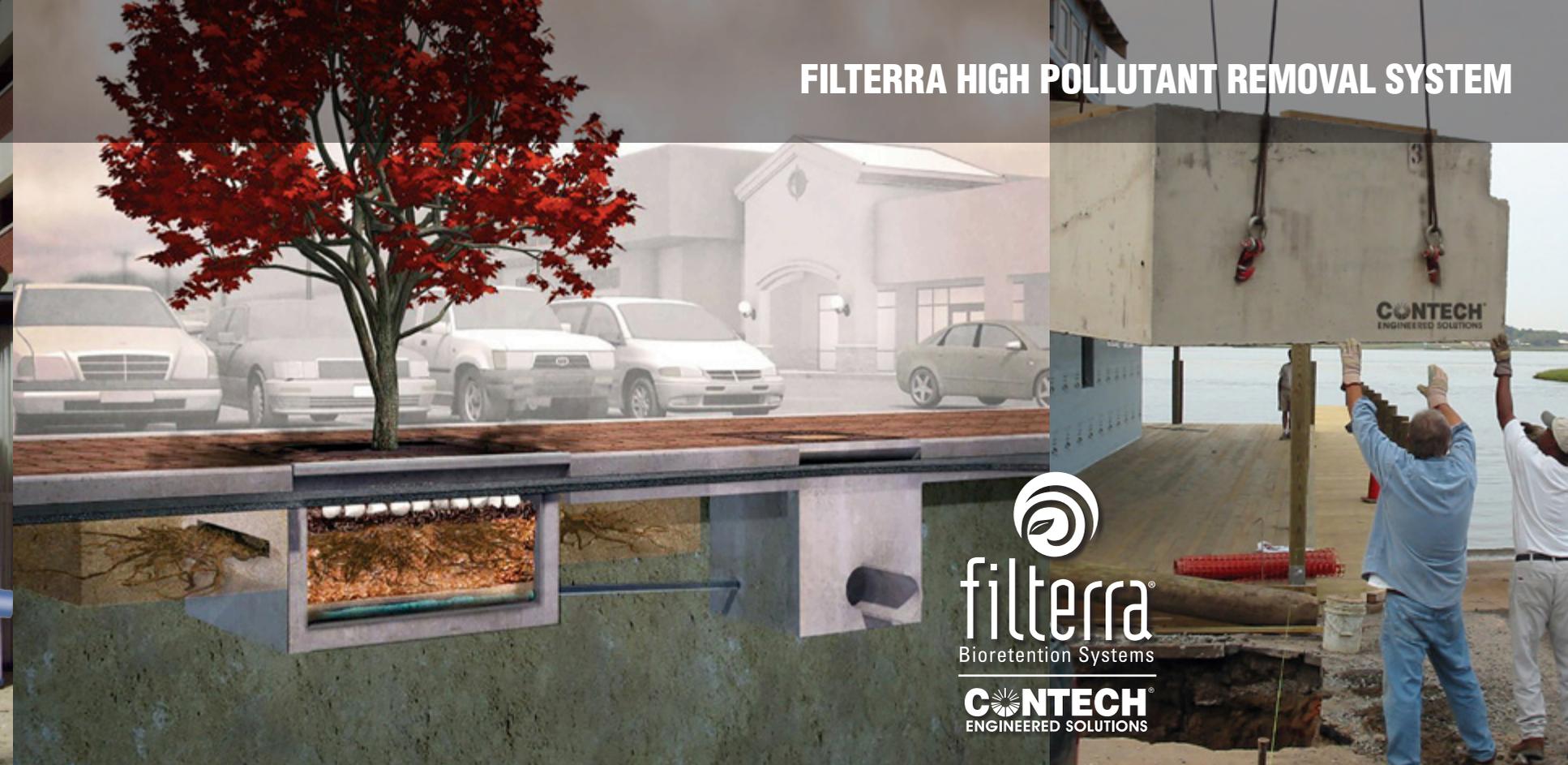
The UrbanGreen Rainwater Harvesting System is a solution that contains all of the components needed for stormwater re-use. This pre-treatment device features a Steel Reinforced Polyethylene cistern, a mechanical pump and filter system. Helps achieve stormwater management goals by reducing stormwater runoff and provides residual cost savings through the reduction of potable water use.

## JELLYFISH FILTERING SYSTEM



The Contech® Jellyfish Filter is a stormwater quality treatment technology featuring high flow pretreatment and membrane filtration in a compact stand-alone system. Jellyfish removes floatables, trash, oil, debris, TSS, fine silt-sized particles, and a high percentage of particulate-bound pollutants including: phosphorus, nitrogen, metals and hydrocarbons.

## FILTERRA HIGH POLLUTANT REMOVAL SYSTEM

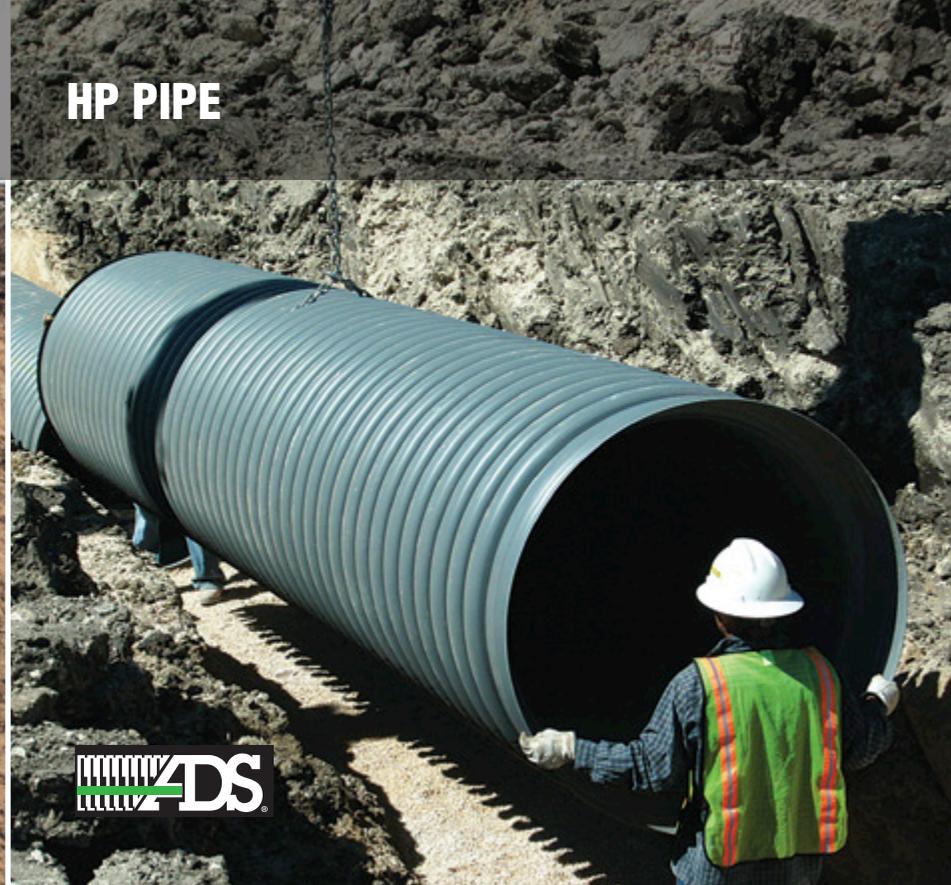


Filterra is similar to bio-retention in its function and application, but has been optimized for high volume/flow treatment and high pollutant removal. Its small footprint allows it to be used on highly developed sites such as landscaped areas, parking lots and street scapes. Filterra is exceedingly adaptable and can be used alone or in combination with other BMPs.



**HDPE PIPE**

In 1987, ADS introduced N-12® smooth interior dual wall pipe, which today is specified nationwide. Due to its durability, high resistance to corrosion and chemicals, and load carrying capabilities, corrugated HDPE pipe has become the drainage pipe of choice in the construction industry.



**HP PIPE**

HP Storm is a high-performance polypropylene pipe for gravity-flow storm drainage applications and is the perfect choice when premium joint performance and/or greater pipe stiffness is required. HP Storm couples advanced polypropylene resin technology with a proven, dual-wall profile design for superior performance and durability. The smooth interior wall offers additional strength as well as superior flow.



**ADS STORM TECH CHAMBER SYSTEMS**

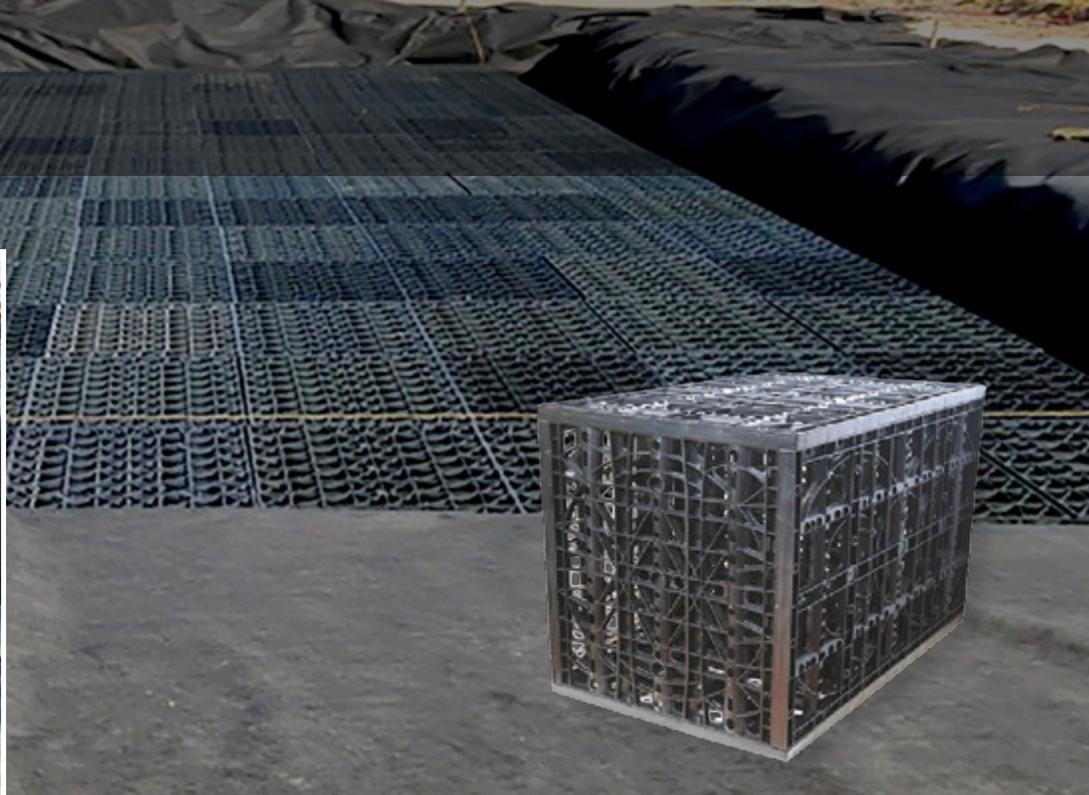
ADS StormTech chambers reduce the overall installed costs of underground detention systems. Now you can meet the land-use requirements and overall budgets of your projects by utilizing the most cost-effective subsurface detention/retention system. We feature high quality injection molded polypropylene chambers which meet all the AASHTO requirements. ADS manufactures the only chambers produced to ASTM standards.



**ADS NYLOPLAST**

Nyloplast drain basins are custom built for each application. Our PVC products are more durable and corrosion resistant than precast basins. With a faster installation, lower installed cost, and great field and project support teams, Nyloplast is the clear choice for your drainage needs.

## ECORAIN DETENTION SYSTEMS



## GRASS & GRAVEL PAVING



**Grasspave<sup>2</sup>**

**Gravelpave<sup>2</sup>**

Grasspave2 provides the aesthetics of a lawn and Gravelpave2 provides the aesthetics of a gravel bed. But looks can be deceiving as both products perform the functions of concrete or asphalt. Both Grasspave2 and gravelpave2 allow you to drive, park or walk on their respective surfaces. Both Grass and Gravelpave products boast a number of features and benefits when compared to other products including a very high compressive strength (15,900 psi in compressive strength), stormwater pollution and filtration capabilities, heat energy reflection, airborne dust capture and are cost effective versus the installation of other turf pavers.

## RAINSTORE 3 DETENTION SYSTEMS

**Rainstore<sup>3</sup>**



Rainstore3 is a modular and stackable structure used to store stormwater underground. A single panel contains 36 vertical columns and exceeds H-20 loading, allowing the construction of driving areas, parking lots, or other small structures above the system.



Rainwater Harvesting is the collection of water from surfaces on which rain falls, and subsequently storing this water for later use. EcoRain Systems manufactures underground water detention systems and drainage cells using 100% recycled material. EcoRain Systems mimic the natural groundwater filtration process and stores water for reuse; thereby enhancing the immediate landscape while minimizing the burden on the local water system. EcoRain's smart and simple design requires less excavation and heavy equipment to install. All of these features make EcoRain the smart, green and less costly solution for your underground rainwater harvesting needs.



## ACO K-100 KLASSIK DRAIN CHANNEL

KlassikDrain K-100 (4"), K-200 (8") & K-300 (12") – internal width – features a wide choice of grates from decorative to ADA compliant and up to Load Class E for use in applications from parking lots to shopping mall drainage. Multiple grate styles, 1-40 0.5% slope system, developed V-shaped profile with an in-line catch basin.



## ACO KS-100 SURFACE DRAIN CHANNEL

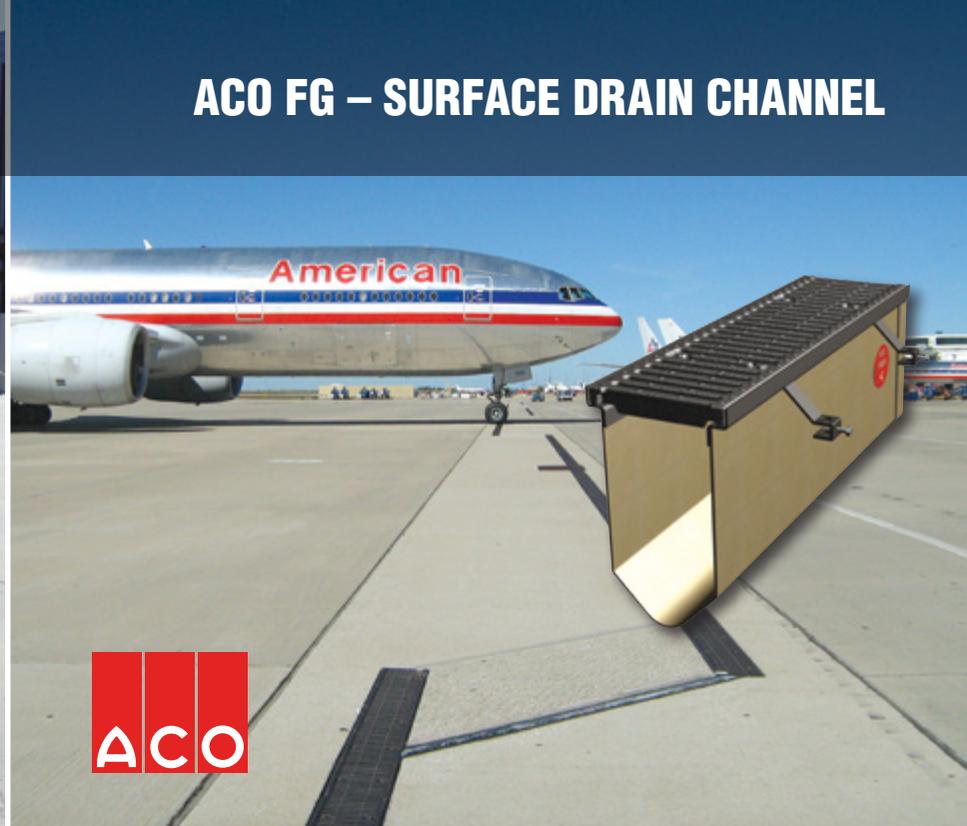
Stainless Steel Grate

ACO's KS-100 (4"), KS-200 (8") & KS-300 (12") – internal width – is the same system as the KlassikDrain series but with a grade 304 stainless steel edge rail, and is typically used where increased aesthetics are required, or where increased corrosion resistance is required.



## POWER DRAIN SURFACE DRAIN CHANNEL

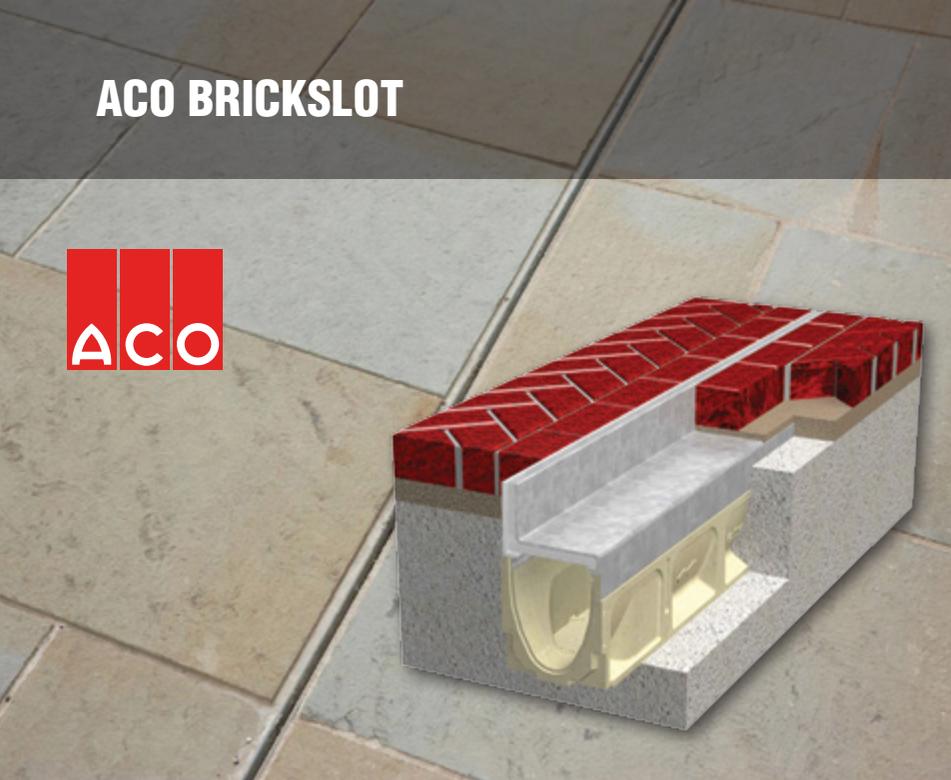
ACO's SK-100 (4"), SK-200 (8") & SKS-300 (12") – internal width – Heavy duty sloped trench drain system ideal for applications requiring the most rugged product. Features an integrally cast-in ductile iron edge rail, and choice of slotted and longitudinally slotted ductile iron grates up to EN 1433 Load Class F (90 ton loading). Select longitudinally slotted grates for applications that must meet ADA requirements.



## ACO FG – SURFACE DRAIN CHANNEL

ACO's FG Fiberglass body is a lightweight material that is made from polyester resin binder reinforced by glass matting and fibers. Installation brackets provide simple and easy installation using No. 4 or 5 rebar. Sloped (1.0%) channel units provide 108' continuous slope. This equates to 1/8" fall per linear foot. Choice of grates in various materials and styles (including ADA-compliant) for applications up to Load Class E.

## ACO BRICKSLOT



A discreet, drainage solution for use with brick or stone pavers, ACO Brickslot blends in with the paving joints giving an aesthetic solution. Brickslot uses the KlassikDrain K100 trench system. We stock ACO simply because they are the best.

## ACO SLABDRAIN



Slabdrain is a shallow invert trench drain made of modular Polycrete® Channels. The range is ideal where site depth restrictions are of concern. Each interconnecting unit is manufactured complete with integrally cast metal edge rails. A variety of grates are available in different materials and styles. These are pedestrian friendly grates with certified slip ratings to AS 4586.

## ACO SPORTS FIELD DRAINAGE SYSTEMS

ACO Sport Building on the expertise and reputation gained in commercial trench drainage. The ACO Sport range of products is specifically designed to meet the demands of track and field facilities. ACO Sport products are designed to maximize the functionality of the athletic facility without disrupting the performance of athletes and players. Products are available to meet the requirements of any athletic arena from high school fields to Olympic Stadiums.



## ACO 3000 – SPORTS DRAIN



## ACO 4000 – SPORTS DRAIN



## BENDA BOARD



## MULTIFLOW DRAINAGE SYSTEM



The ACO 3000 System is the most economic polymer concrete slot system available. The most common use is running tracks. The system is supplied in straight and radius channels with matching in-line catch basins to provide a continuous run around the entire running track.

ACO 4000 Drainage Systems are designed to be used with running tracks and sporting facilities which use a wide variety of hard & soft surface materials. All external venues should incorporate surface drainage to protect these sport surfaces. The 4" internal width channels are supplied in one meter (39.37") or half meter (19.69") lengths and are available in a choice of four neutral depths or thirty sloping depths. A choice of grates are available and allow full access to the channels for maintenance.

Benda Board has become one of the most preferred edging solutions for both professional landscapers and sports field contractors. Made from 100% recycled plastic, Benda Board provides a durable edging solution while retaining flexibility for creative landscape designs. Invented as a superior alternative to natural wood edgings, Benda Board will not rot or splinter. Available in three colors: redwood, teak and sand.

Multiflow systems are widely used in all types of sports fields. Facility managers are challenged to keep fields healthy, attractive and ready for use. Heavy schedules make this a challenge because using fields during saturated conditions compacts the soil and potentially threatens the turf. Multiflow solves this problem by offering an intensive drainage solution that ensures the field is quickly ready for action after watering.

## HERCUSHIELD & HERCUSCRIM

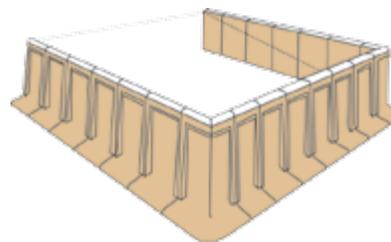


Since 1995, Brawler liners have covered more synthetic turf fields than any others. Brawler's Hercushield woven coated liners and Hercuscrim scrim-reinforced liners provide a reliable moisture barrier between the sub grade and gravel layer to protect and stabilize the sub grade. All Brawler tarps and covers are heat-welded, making them much stronger than tarps with sewn perimeters or sewn-in handles. All materials are 100% waterproof and UV/mildew-resistant. Available in 12 mil. & 20 mil.

## SYSTEM 7000 & 8000 – JUMP PIT



Runner momentum and change in elevation means that the water jump is an area of increased fall risk to athletes. System 8000 "Water Jump Pit" uses the System 7100 elastic curb cap to provide a wall around the water pit that has a soft, safe edge to minimize injury.



ACO

## DRAINAGE PRODUCTS



SDR-35 Rubber Gasket

Solvent Weld Sch 40 to 80

Solvent Weld Sch 40 to 80 Perf

Cal Trans Slotted

Triple Wall Corrugated

HDPE

Thompson carries a full complement of specialty pipes, fittings and accessories including most schedules and types including but not limited to:

- PVC SDR-35, Rubber Gasket, Solvent Weld, SCH-40 thru SCH-80, Triple Wall, Corrugated & Galvanized in sizes from 3/4" thru 60".
- Several types of walls including solid, perforated and Cal-Trans Slotted.
- Most fittings for each type of pipe.
- Most accessories including pipe socks, pipe wrap and Christy's pipe glue.

# OLDCASTLE – PRECAST

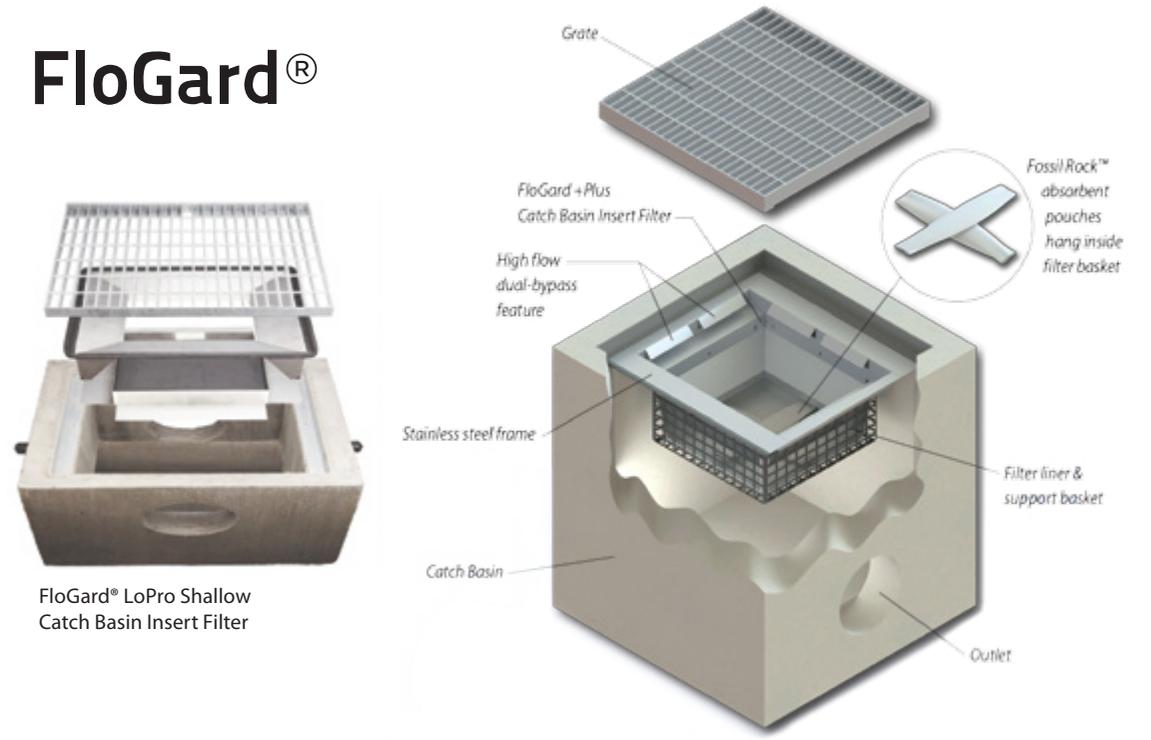


Thompson Construction Supply stocks Oldcastle precast basins, grates and inserts in all available sizes and ratings. Oldcastle Precast Catch Basins are designed to be used as an alternative to poured-in-place or masonry structures. Oldcastle Precast Catch Basins are engineered and manufactured in a wide range of sizes to meet all local and state standards and are a fast, effective and cost-efficient way to speed up a project.

# FLOGARD DRAINAGE PRODUCTS



# FloGard®



FloGard® LoPro Shallow Catch Basin Insert Filter

The FloGard® is a multipurpose catch basin insert designed to capture sediment, debris, trash & oils/grease from low (first flush) flows. A dual high-flow bypass allows flows to bypass the device while retaining sediment and larger floatables (debris & trash) and allows sustained maximum design flows under extreme weather conditions. The FloGard® inserts are available in sizes to fit most industry standard drainage inlets.

## DURASLOPE DRAINAGE SYSTEM



Dura Slope's lightweight yet durable system components make it a popular choice for residential and non-residential applications. The Dura Slope trench drain system consists of neutral and pre-sloped sections of trench drain. Manufactured from HDPE, this trench drain offers a durable alternative to concrete channel that will save time and reduce cost at installation.

## PRO SERIES – DRAINAGE SYSTEM



NDS Pro Series Channel Drain Systems are an effective and popular solution when perimeter drains are needed for handicapped areas. The NDS Pro Series Products are a lightweight Channel drain system with interlocking joints, so connections are made quickly and easily.



Locating low spots in landscaping and anticipating rainfall, are the keys to installing an effective drainage system. From your backyard patio to the neighborhood aquatic center, from the factory floor to a professional sports facility, NDS offers superior quality drainage solutions for every environment.

## NDS BASINS & GRATES



NDS drainage products can be tied to an existing drain pipe or downspout connection and are essential in maintaining healthy plant and lawn life, as well as protecting man-made structures from damage due to excess ground water.

# EROSION CONTROL SOLUTIONS

Erosion control is the practice of preventing or controlling wind or water erosion in land development during and after construction. Effective erosion controls are important techniques in preventing water pollution, soil loss, wildlife habitat loss and human property loss and are often part of stormwater runoff management programs required by local governments.

Thompson has many solutions to achieve the proper results for years of compliance. We carry all the top brand names and we have the years of experience to help navigate you through the process.

Call us today and we will come out and give you your options for the right solutions to your erosion control problems.



# SAND BAGS • GRAVEL BAGS • FORMING & SURVEYING STAKES • SILT FENCE



Sand or Gravel Bags – Filled or Empty

Forming & Surveying Stakes

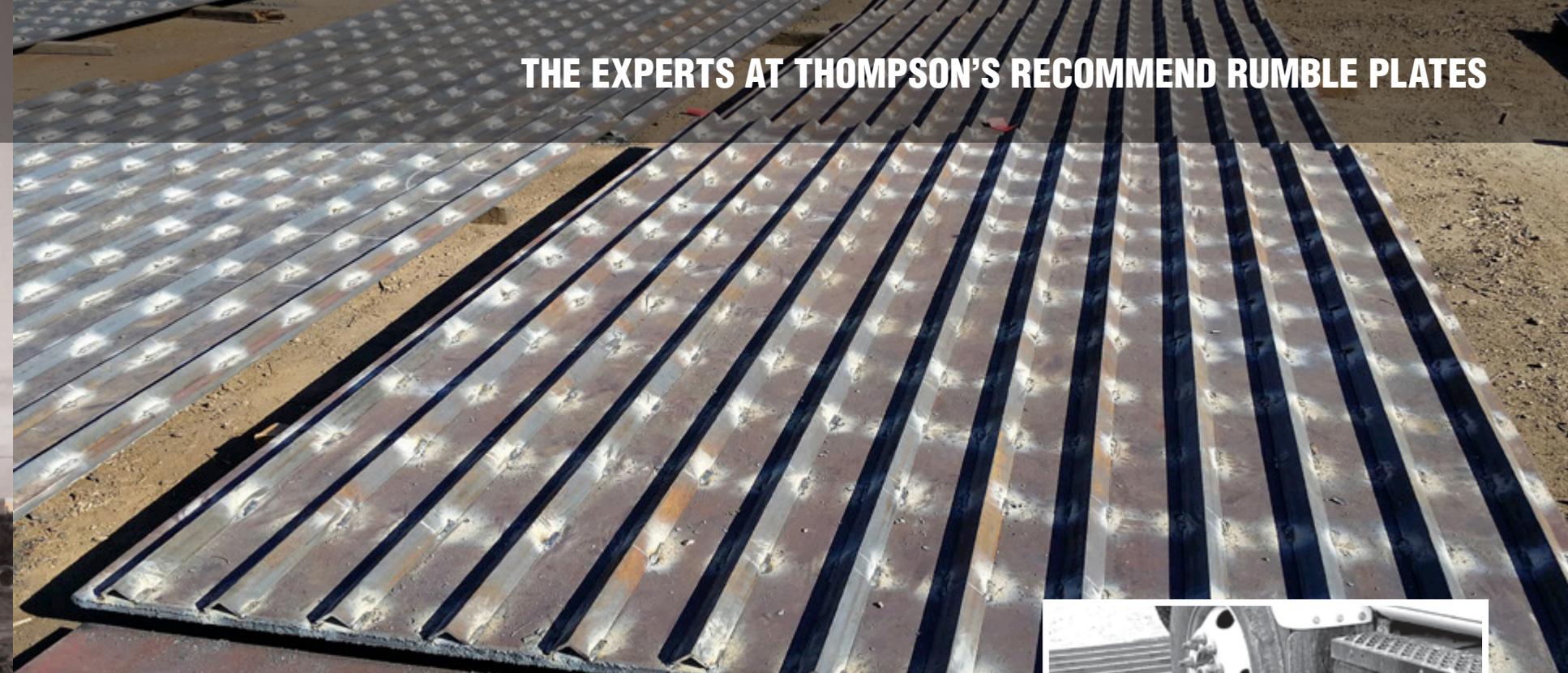
Silt Fence with Stakes.

## JOBSITE SAFETY FIRST . . . AND WE CAN HELP

- Barricade Fencing
- Traffic Cones
- Delineators
- Stop & Slow Paddles
- Barricades & Flashers
- Jobsite Lighting
- Caution Tape
- High Visibility Vests & Shirts
- Eye & Ear Protection
- Hard Hats
- Gloves & Boots
- Dust Masks & Respirators
- First Aid Kits
- Fall Protection
- And More



## THE EXPERTS AT THOMPSON'S RECOMMEND RUMBLE PLATES



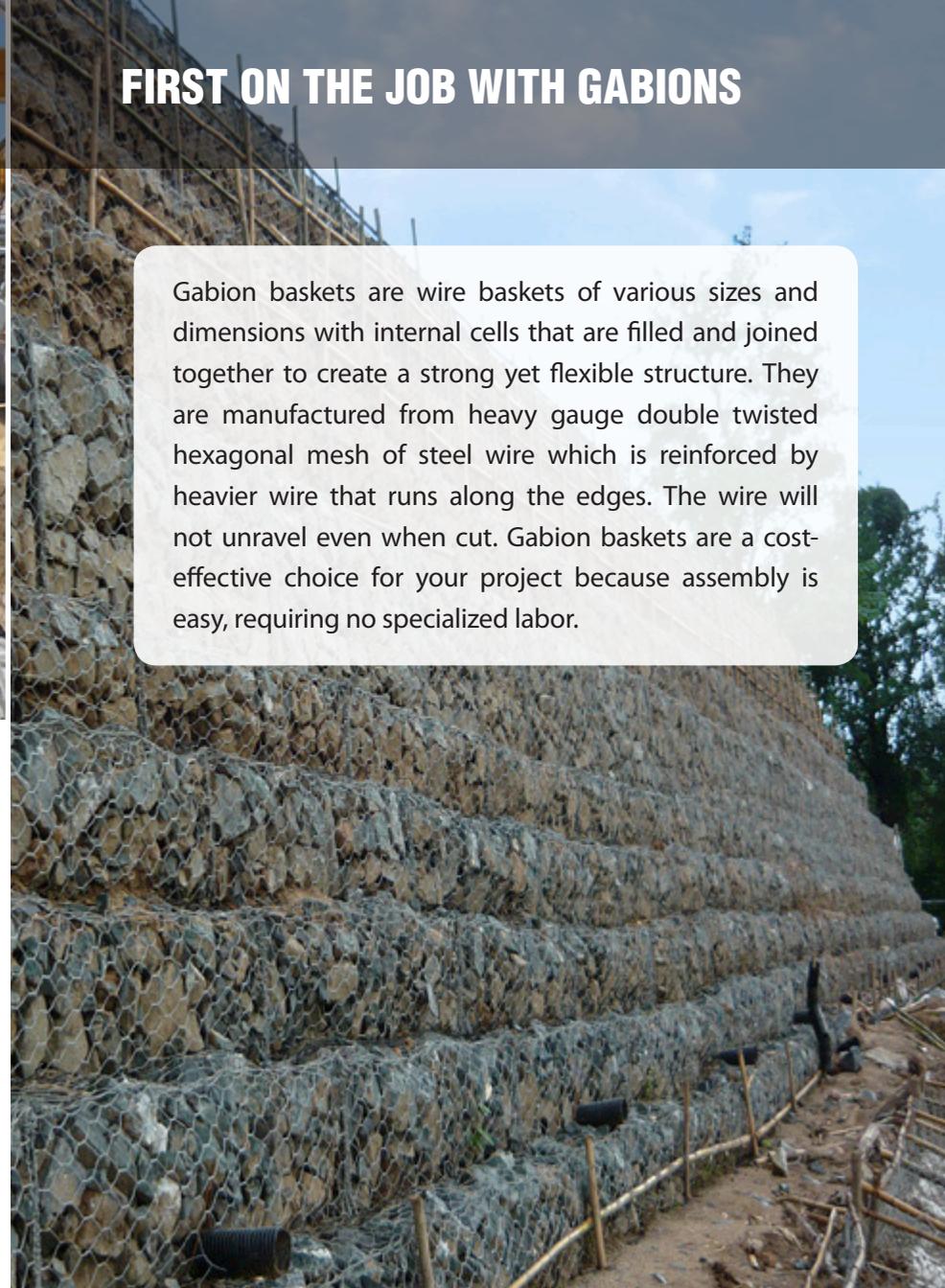
Thompson Civil & Stormwater Solutions recommends rumble plates to solve your PM10 dust abatement, soil stabilization, and debris track-out problems. Designed to be placed on job site exit roads where they join public streets, rumble plates remove dirt, mud, and other debris from the tires of your vehicles. It also tells city officials that you are doing everything possible to be in compliance. Complies with Stormwater Act, AQMD Rule #403.



## ARMORFLEX – ARTICULATING CONCRETE BLOCK



ArmorFlex is a flexible, interlocking matrix of cellular concrete blocks of uniform size, shape, and weight used for hard armor erosion control. ArmorFlex blocks have specific tested hydraulic capacities and are laced longitudinally with revetment cables to provide ease-of-handling and rapid installation.

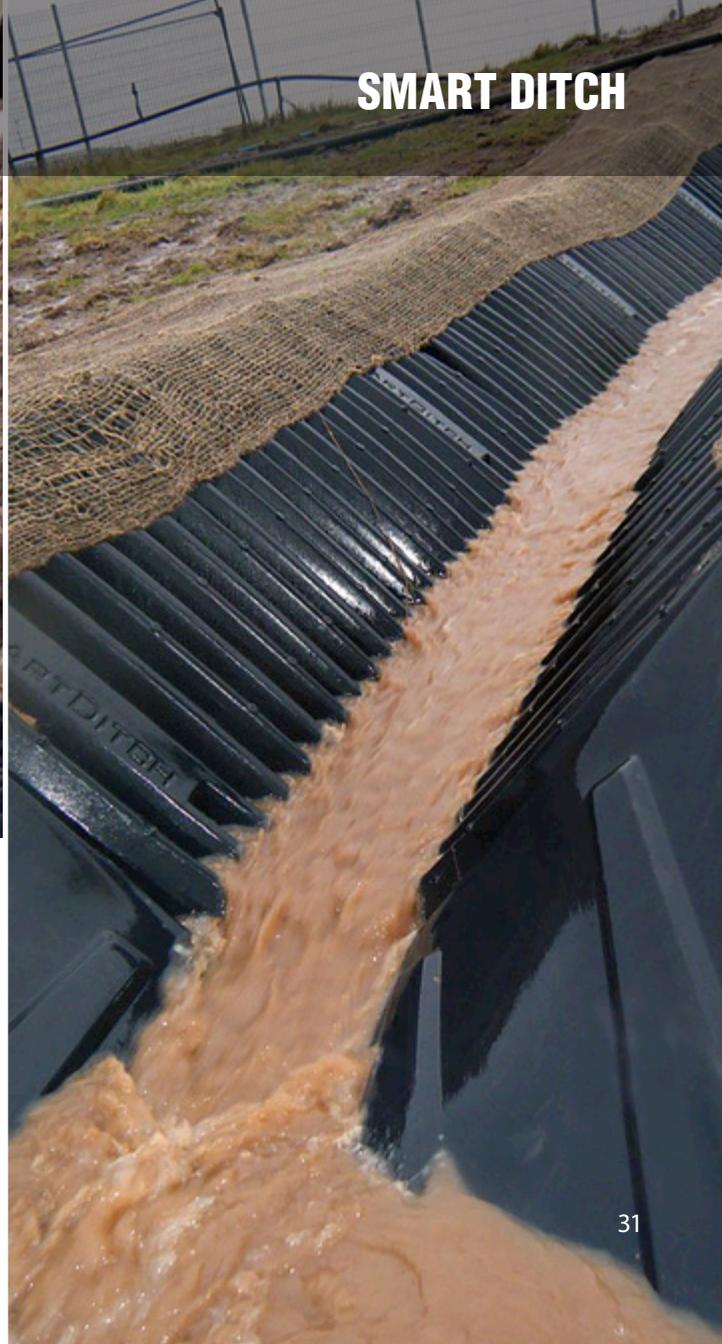


## FIRST ON THE JOB WITH GABIONS

Gabion baskets are wire baskets of various sizes and dimensions with internal cells that are filled and joined together to create a strong yet flexible structure. They are manufactured from heavy gauge double twisted hexagonal mesh of steel wire which is reinforced by heavier wire that runs along the edges. The wire will not unravel even when cut. Gabion baskets are a cost-effective choice for your project because assembly is easy, requiring no specialized labor.



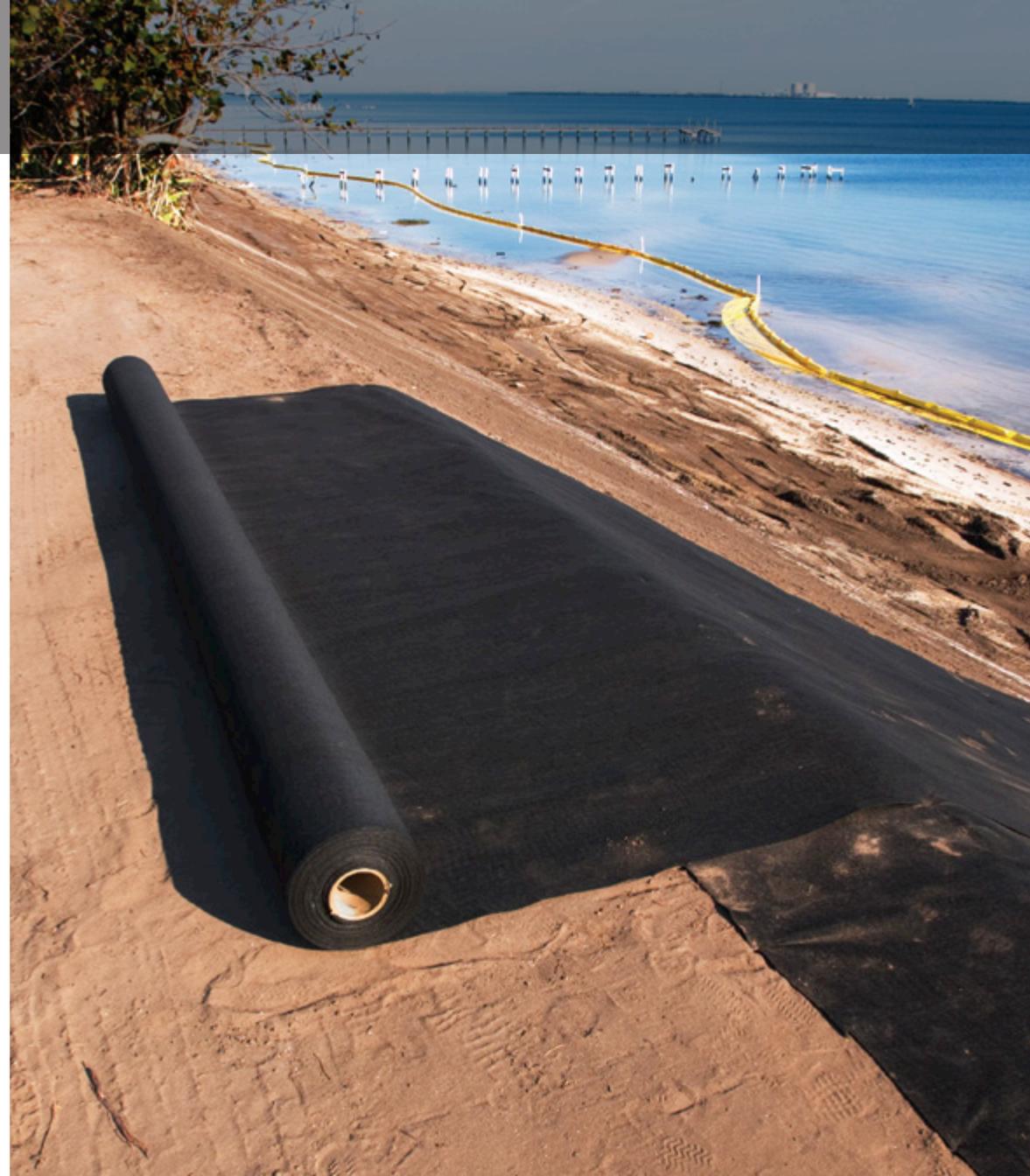
SmartDitch® is a leak-free channel lining system engineered to control and direct the flow of water or critical fluids. Made from proven UV resistant HDPE, SmartDitch's unique corrugated design helps regulate the flow of water from flat to steep grades so that the drainage and flow patterns designed are maintained.



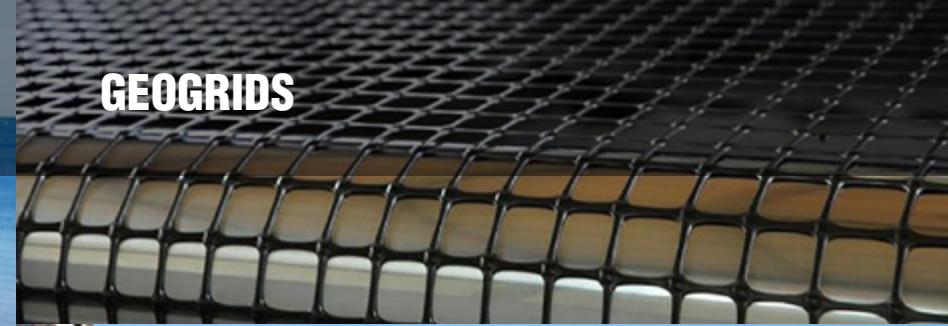
## SMART DITCH

## GEOSYNTHETICS & TEXTILES

Geosynthetics & textiles are woven fabrics which have superior capacity for filtration and load distribution, reducing rutting and extending the life of paved and unpaved roadways. Made from individually woven, UV-resistant polypropylene yarns, and manufactured with high tensile strength and low elongations, they provide dimensional stability and resistance to the biological and chemical environments normally found in soils. These products have a wide range of applications and are used in many civil, geo-technical, transportation, and private development applications.



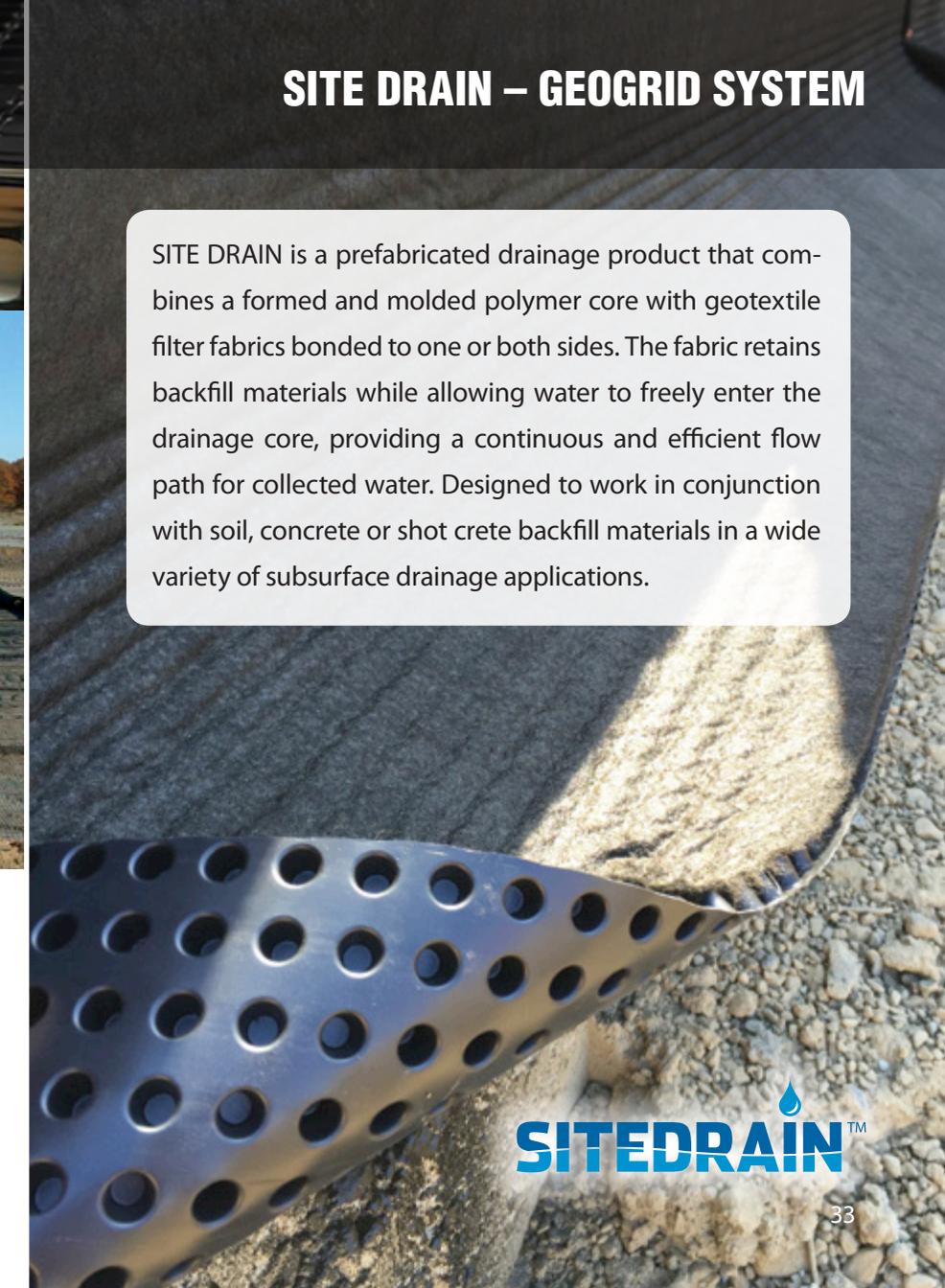
## GEOGRIDS



A Geogrid is Geosynthetic material used to reinforce soils and similar materials. Geogrids are commonly used to reinforce retaining walls, as well as subbases or subsoils below roads or structures. Soils pull apart under tension. Compared to soil, geogrids are strong in tension. This fact allows them to transfer forces to a larger area of soil.

## SITE DRAIN – GEOGRID SYSTEM

SITE DRAIN is a prefabricated drainage product that combines a formed and molded polymer core with geotextile filter fabrics bonded to one or both sides. The fabric retains backfill materials while allowing water to freely enter the drainage core, providing a continuous and efficient flow path for collected water. Designed to work in conjunction with soil, concrete or shot crete backfill materials in a wide variety of subsurface drainage applications.



## PVC LINERS



We carry PVC liners available from 10 to 60 mil. material and come in various lengths and widths to meet your liner needs. Our impermeable liner can be used in a number of different applications, including reservoirs, landfill caps, wastewater treatment facilities and more.

## HDPE LINERS



HDPE liners are the ideal choice for the most demanding applications. These liners combine high tensile strength and chemical resistance with excellent stress-crack resistance and low temperature properties for highly reliable containment. HDPE offers the most cost effective liner for large projects. We carry thicknesses ranging from 40 to 120 mil.

## I MAT



This subsurface irrigation system nurtures the roots throughout the entire area not just with water, but with oxygen, minerals and fertilizers. This complete system guarantees optimal root growth and plant health with minimal water consumption. A typical zone layout consists of a supply header and flush header where the drip lines are connected. Large trees require a separate ring system of drip lines to ensure sufficient water supply. A big advantage of this system is the uniform wetting pattern throughout the entire irrigation zone. This feature allows plant growth in arid climate zones, sandy grounds and rooftops.

## REBAR FABRICATION



Blueprints, to fabrication and delivery, Thompson Construction Supply is here for you. We ensure your rebar is there when you need it and meets all your specifications. We guaranty your rebar fabrication will meet your exact tolerances and we offer free delivery to your jobsite (on qualified orders) so your crew will have the materials they need to get the job done on time and on budget. We know it's all about your labor cost and that's why we're here. To save you time and money.



**POWER TOOLS & ACCESSORIES**

**CONCRETE & MASONRY TOOLS**

**CONCRETE FORMING & PREP.**

**SURVEY & JOB LAYOUT TOOLS**

**PERSONAL & JOBSITE SAFETY**

**FASTENERS & HARDWARE**

**ELECTRICAL SUPPLIES**

**STORAGE & SECURITY**

**LANDSCAPING SUPPLIES**

**DRYWALL TOOLS & SUPPLIES**

**LIFTING & SCAFFOLDS**

**FRAMING & INSULATION**

**HAND TOOLS**

**JOBSITE CLEAN-UP & MORE**



**GEOTEXTILES  
& GEOGRIDS**

Non-Woven Fabrics  
Woven Fabrics  
Monofilament Fabrics  
High Strength  
Biaxial/Uniaxial Geogrids  
Asphalt Overlays  
Landscape Fabric

**STORM WATER  
MANAGEMENT**

Retention/Detention Systems  
Catch Basin Inserts  
Curb Inlets  
Hydrodynamic Separators  
(CDS Units)  
Media Filtration  
Rainwater Harvesting  
Porous Pavement Products  
(Grass/Gravel Pave)

**GEOMEMBRANES**

PVC Liner  
HDPE Liner  
Vapor Barriers  
Poly Sheeting (Visqueen)  
Hercushield / Hercuscrim  
(Reinforced Liners)

**DRAINAGE**

PVC SDR 35 Pipe & Fittings  
PVC SCH 40 Pipe & Fittings  
PVC SCH 80 Pipe & Fittings  
HDPE Pipe Single  
HDPE Double Wall Pipe (N-12)  
Nyloplast Drainage Structures  
Flat Drain Pipe & Fittings  
Slotted/Solid (Cal Trans)  
Trench Drain (Polymer  
Concrete)  
Trench Drain (Plastic)  
Speciality Frames & Grates  
Smart Ditch (HDPE V-Ditch)  
Geocomposite Drain Boards  
Concrete Catch Basins  
and Grates  
Plastic Basins & Grates

**SAFETY/SITE  
CONTAINMENT**

Safety Fence  
Warning Barrier  
Type ESA Fence  
Spill Pallets  
Spill Containment Kits  
Outpak Concrete Washout

**EROSION &  
SEDIMENT CONTROL**

Straw/Bio Wattles  
Straw & Coconut Blankets  
Turf Reinforcement Mats  
Jute Mesh  
Coir Matting & Logs  
Gabions  
ArmorFlex  
(Articulating Concrete Block)  
Cellular Confinement  
T-Posts  
Sand Bags  
Burlap Bags  
Gravel Bags  
Curb Inlet Protection  
Catch Basin Filters  
Dewatering Bags  
Orange Silt Fence  
Staples/Pins  
Wood Stakes  
Construction Privacy Fence

**SEALANTS, CAULKS  
& WATERPROOFING**

Adhesives  
Glues  
Drain Boards  
Epoxies  
Fireproof Caulking  
Foam Sealants  
Foundation Coatings  
Latex Caulking  
Membranes  
Protection Board  
Roof Cements  
Self Leveling Sealants  
Silicone/Urethane Sealants  
Waterstop

**ADDITIONAL SERVICES**

S.W.P.P.P. Installation  
Erosion Control Installation  
Crib/Retaining Wall Systems  
Rumble Track Sales & Rentals  
Road Plates Sales & Rentals  
Temporary Fence Rentals  
Wheel Washing  
Neptune Sales & Rentals

91

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15



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