



KAYTECH
ENGINEERED FABRICS



Product Range

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BETTER SOLUTIONS FOR
50 YEARS
1971 - 2021



KAYAPP

bidim®: 100% recycled polyester nonwoven geotextile. **bidim® A1-A15** used in subsoil drains, behind **Kaybion®** baskets, protecting geomembranes and many other civil engineering applications.

Standard widths: up to 6.0m

Flashpack®: convenient **bidim®** packs ideal for the DIY enthusiast.

Pack sizes: 1,0m or 1,3m width x 10m length



Kaybion® baskets and mattresses: woven wire mesh containers made from zinc coated double twisted hexagonal steel wire, with or without additional PVC coating.

Made in South Africa - 100% local content.



RockGrid® PC: geocomposite geogrid consisting of high strength polyester yarn knitted onto a polyester nonwoven geotextile. Used in reinforcement and separation applications.

Biaxial strength: 50kN/m, 100kN/m, 150kN/m & 200kN/m

Standard width: 5.0m



EnviroRock® geotextile sand container (GSC): made from multi-layered 2PL and 3PL composite geotextiles. A user friendly solution for the construction of defensive barriers to protect beaches and river banks from erosion.



Sealmac® paving fabric: nonwoven needlepunched polyester geotextile. Used in road maintenance to waterproof and retard reflective cracking.

Standard widths: 0.5m - 3.5m and 200mm strips



Sealmac® dam lining: nonwoven needlepunched polyester geotextile. Used with latex bitumen to form a waterproof lining for dams and ponds.

Standard widths: 0.5m - 3.5m



FIFTY YEARS OF BETTER SOLUTIONS!

EnviroFix® geosynthetic clay liner (GCL): lining of water and waste containment facilities. Comprises sodium bentonite clay needled between two geotextiles. When hydrated **EnviroFix®** forms a low permeability layer.

Standard width: 5.35m



Gabsabag®: made from a suitable geotextile such as **bidim®**, **Envirotex®** or **GeoRevet®**. When filled with soil they can be used as a cost effective alternative to hand-packed rock in a **Kaybion®**. A thin layer of rock placed in front of exposed **Gabsabags®** will protect them from UV degradation.



RockGrid® KX: high strength, polymer coated, knitted polyester geogrid. Used in reinforcing applications.

Uniaxial strength: 40kN/m - 400kN/m

Biaxial strength: 30kN/m - 100kN/m



GeoRevet® Geobags: sand bags of bespoke dimensions, made from a composite geotextile (recycled polyester staple fibre needled into **Kaytape®**). When filled with soil they are used for temporary river diversion or bank protection during construction. The addition of lifting slings facilitates the placement and removal of the geobags.



GlasGrid®: high strength, knitted glass fibre geogrid that has a polymer coating with a pressure sensitive adhesive backing. Used as a reinforcing interlayer in asphalt pavement overlays.

Standard strength: 50kN, 100kN and 200kN



Geotube® sludge dewatering container: for removing sludge from waste water treatment works, mineral processing plants, pollution control dams as well as environmental clean-ups.

Containment capacities from 10m³ - 1500m³

Geotube® Containers are also available for shore-line protection and coastal engineering applications.



Multi-Cell® PP: three dimensional cellular confinement system for channel lining, slope protection, load support and concrete roads. Made by sewing together strips of coated Kaytape® to form a honeycomb structure of 200mm x 200mm cells.

Cell depths: 75mm, 100mm, 150mm & 200mm

Standard panel size: 10m x 5m (expanded)



Multi-Cell® HD: strong three dimensional cellular confinement system for foundation reinforcement and erosion protection of slopes. Fabricated from ultrasonically welded polyethylene strips that expand into a honeycomb structure.

Cell depths: 75mm - 300mm

Cell size: 244mm x 210mm - 508mm x 475mm

Panel sizes: vary depending on cell size



Enviromat®: locally manufactured, biodegradable erosion control blanket. Made from poplar wood wool sewn between two woven jute nets, using jute yarn. Used to combat soil erosion.

Standard width: 2.5m



SoilSaver®: biodegradable woven jute mat with a 65% open mesh structure.

The natural solution for soil erosion problems.

Standard width: 1.22m



GrassFence®: erosion control fence made of **GeoRevet®** composite geotextile - recycled PET fibre needled onto **Kaytape®**. A permeable barrier to control silt flow on construction sites and prevent soil erosion on slopes.

Standard height: 700mm



Concrete Canvas®: flexible, concrete filled geotextile that hardens on hydration to form a thin, durable, waterproof concrete layer. Used in channel lining, slope protection, bund lining and remediation.



DISCLAIMER: The application, handling and conditions of use of our products are critical and beyond our control. Information given by us in our documentation or orally, or by any employee or agent and any advice, recommendation or assistance, is given in good faith but without creating any obligation or warranty.

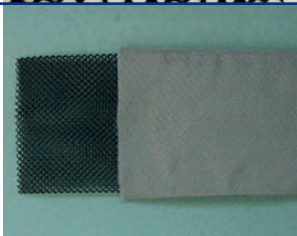
FloDrain®: the ready made subsoil drainage solution consisting of **Flownet™** wrapped in **bidim®**.

Flownet™: HDPE geonet used for drainage.
Standard drain heights: 400mm - 2.0m



Wickdrain® GPW100: prefabricated vertical drain (PVD) comprised of a 100mm wide HDPE mesh core wrapped in **bidim®**.

Wickdrain®: prefabricated drainage strip comprising **Flownet™** wrapped in **bidim®**.
Standard widths: 250mm and 330mm



Kaypipe® Geopipe: HDPE mesh subsoil drainage pipe with a 70% open area, for high infiltration, and a 30% solid invert.

Pipe diameters (ID): 65mm, 80mm, 100mm & 150mm x 6.0m lengths.



Flo-Pipe®: high strength, rigid, slotted HDPE subsoil drainage pipe with a corrugated outer wall and a smooth inner bore.

Pipe diameters (OD): 50mm, 75mm, 110mm & 160mm x 6,0m lengths or 50m/100m coils.



Kayduct®: unslotted HDPE underground pipe with a corrugated outer wall and a smooth inner bore. Used as a drainage conduit or for cable management.

Pipe diameters (OD): 75mm, 110mm & 160mm
Also available in Telkom Green.



Pipe fittings: bends, tees, couplings, end caps, cross junctions, Y-junctions, rodding eyes, flexi-bends and slow bends.



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Megaflo®: geocomposite panel drain comprised of a high strength, high flow, slotted HDPE core wrapped in **bidim®**. A formed invert at the base of the panel prevents water loss.

Panel heights: 170mm, 315mm, 450mm & 900mm

Fittings are available to accommodate pipe end and side outlets.



Infiltrator Quick 4® Chambers: convenient, cost effective alternative to stone and pipe in wastewater or storm water soakaway systems.

Chamber dimensions: 0.86m x 1.35m x 0.41m

Chamber capacity: 235 litres

End-cap dimensions: 0.86m x 0.48m x 0.41m



Dimplecore™ DC500: robust, single cusped HDPE drainage sheet.

Standard width: 1.18m

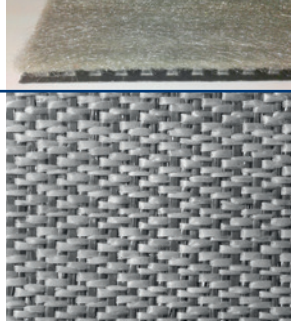
Dimpledrain® DD500: geocomposite drainage system, consisting of **bidim®** laminated to the cusped side of **Dimplecore™ DC500**.

Standard width: 1.18m



Kaytape®: polypropylene slit film woven geotextile.

Standard widths: 2.0m, 3.0m & 5.0m



PF95™: nonwoven polypropylene waterproofing membrane for use with cementitious waterproofing systems.

Standard width: 1.0m



WP1100®: nonwoven polyester waterproofing membrane for use with acrylic and bituminous waterproofing systems.

Standard widths: 1.0m & 2.0m

Flashing strips: 100mm - 500mm width

