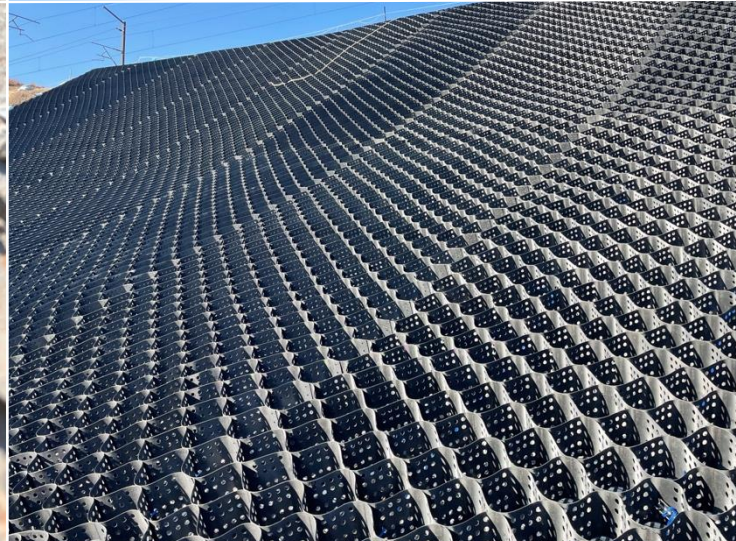
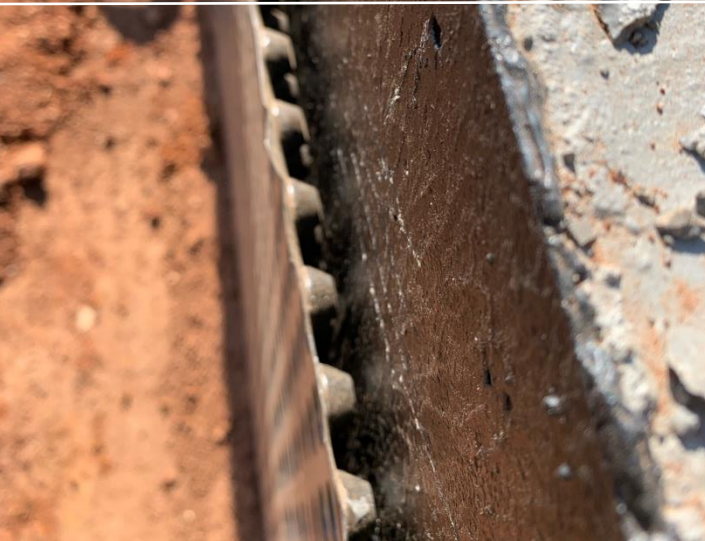
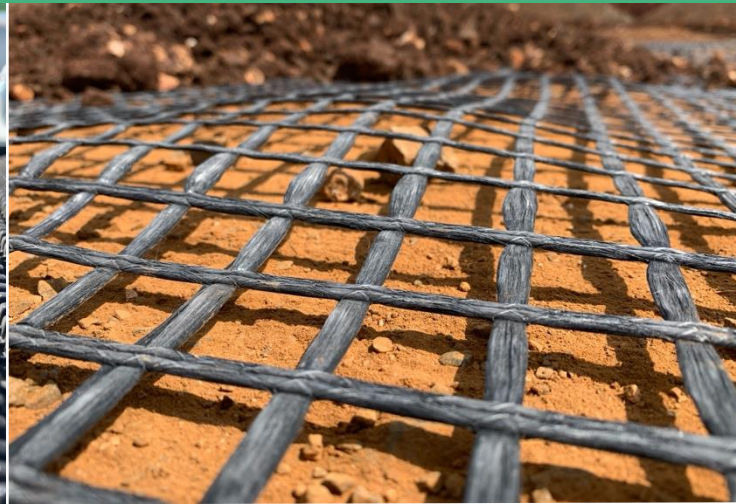
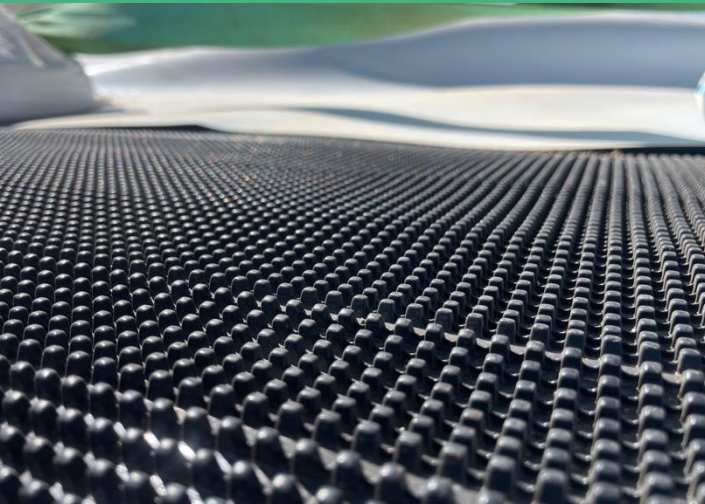




TeMa
SOUTH AFRICA

Geosynthetics



**For Geotechnical and Environmental
Applications**

About Us



TeMa SOUTH AFRICA



TeMa South Africa is the local subsidiary of TeMa - Technologies and Materials S.R.L., specialising in the sales and distribution of a comprehensive range of Geosynthetics and specialist, Building-related products. Our sales offices and stock warehouses located in Johannesburg and Cape Town service the civil, mining, construction and environmental sectors of the Sub-Saharan African region. Products are primarily sourced from within the TeMa group and its extensive internal manufacturing capabilities as well as from a global network of long-term supply partners.

Belonging to a larger corporate group offers several advantages, including continuous support and the opportunity to rely on the wider skills set and experience offered by the holding company. This approach guarantees high-quality performance, unquestionable reliability and the highest level of service standards in improving the cost-effectiveness and performance value of the offering.

TeMa – Technologies & Materials



TeMa - Technologies and Materials S.R.L. was founded in 1993 and focusses on providing a comprehensive market coverage supported by innovative product solutions. This philosophy drives all aspects of the business and can be seen in the continued product development and international expansion into new markets throughout the world.

TeMa is situated in Vittorio Veneto, Northern Italy from where it operates its corporate head office and main production facilities with additional production sites also located in Spain, Russia, Turkey, Romania and the USA. The group's sales and distribution network, which extends to over 60 countries including Southern Africa, reflects a truly global work approach, offering customers continuous support throughout the project cycle.

For more information: www.temacorporation.com



IWIS Group



The TeMa business is proud to be part of the **IWIS (Insulation Waterproofing Industrial Systems)** group, a "thinking holding" established to efficiently manage the group's member companies by strengthening all aspects of their technological and business performance. IWIS co-ordinates all stages: from production to on-site intervention, from Group logistics to sales and R&D activities.

With 17 factories, 11 international subsidiaries, and technical and sales support in 89 countries worldwide, it is a fully reliable global supply partner. IWIS has implemented plants that develop products by using state-of-the-art technology and by investing in systems that guarantee protection for the ground, for air and for water.

For more information: www.iwisholding.com

Products

X-GRID – Soil Reinforcement



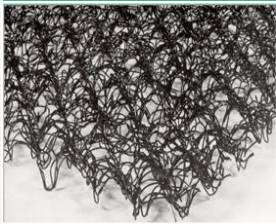
Open aperture, biaxial / uniaxial, knitted geogrids from high tenacity, multifilament polyester with polymeric coating for soil reinforcement and basal / veneer stabilisation, available with or without integrated geotextile.

X-GRID – Asphalt Reinforcement



Open aperture, knitted, polyester / fiberglass geogrids for asphalt reinforcement, available with or without integrated geotextile and pre-impregnated with bituminous coating.

K-MAT



Three-dimensional geomat from polypropylene monofilament for erosion control and turf reinforcement.

K-MAT RF Metal



Double twisted, galvanized / PVC / Galfan coated, steel mesh integrated with a three-dimensional, polypropylene monofilament erosion control mat.

X-GRID AM



Composite polyester geogrid integrated with a three-dimensional extruded monofilament polypropylene erosion control mat.

Q-DRAIN



Drainage composite from polypropylene monofilament core with heat bonded geotextiles on one or both sides.

TeMa-TUBE CP



Large format, composite geobags or tubes from technical fabrics for coastal protection and erosion control structures.

TeMa-TUBE DW



Large format, woven-material tubes for gravitational dewatering of industrial or municipal sludges.

Products

MD DRAIN



5mm thick, high strength, high flow, polyolefin (HDPE) cusped drainage core, available in various grades with heat bonded geotextiles on one or both sides.

HDD



10mm thick, cusped HDPE drainage membrane with heat bonded cover geotextile, available in various grades to suit a wide range of applications.

MEMBRANA NERA



8mm thick, studded HDPE membrane for drainage and protection of waterproofing membranes.

MAXISTUD



20mm thick, HDPE cusped geospacer, available with or without bonded geotextiles and with or without perforations for drainage functionality in structural and earthwork applications.

ECOVERNET & ECOVERMAT



Natural, biodegradable blanket from jute, wood chip, straw fiber and coconut husk for superficial erosion control and vegetation growth.

TeMa-GABION & MATTRESS



Hexagonal double-twist / weldmesh gabion box or reno mattresses unit available in galvanized, PVC coated or Galfan alternatives for erosion control, waterway revetment and retaining wall applications.

TeMa-CELL



Polyethylene laminated, Polypropylene woven tape geocell system, available in various configurations, for channel linings, slope stability and embankment protection.

TeMa-CELL HD



HDPE geocell system with textured/perforated sidewalls and welded junctions, available in various configurations, for use in roads, slope protection, erosion control and retaining walls.

Products

TeMa-TEX NW



Polyester / polypropylene, needle punched, nonwoven geotextile for use in drainage, filtration, separation & protection applications.

TeMa-TEX W



Polypropylene, slit-film, woven tape geotextile for use in filtration, separation and reinforcement applications.

T-PIPE & T-PIPE HD



Double wall, corrugated HDPE perforated or unperforated pipes for subsoil drainage and sewer / stormwater reticulation or cable ducting.

BARRIER BENTO



Needle punched, natural Sodium Bentonite, Geosynthetic Clay Liner (GCL) for containment in pond and structural applications.

SPEEDRAIN



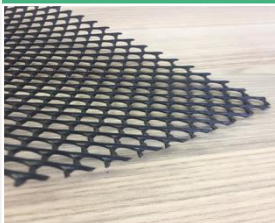
Prefabricated, composite fin-drain system from HDPE geonet drainage core and nonwoven geotextile cover, with integrated pipe sock.

V-DRAIN W



Prefabricated, narrow-width, wick-drain composite for vertical drainage of soft soils and retaining walls, available with or without additional DPC layer, for drainage and dewatering applications.

T-DRAIN



Two-dimensional geonet drainage core from extruded HDPE with or without heat bonded nonwoven geotextiles.

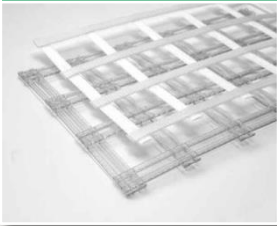
G-TEX W



High strength polyester woven geotextiles for separation and reinforcing applications.

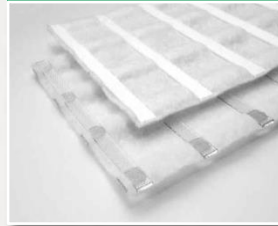
Products

Secugrid®



Secugrid® is a structurally sound and stable, uniaxial or biaxial geogrid for soil reinforcement, manufactured from extruded drawn polypropylene or polyester bars, laid and welded together.

Combigrig®



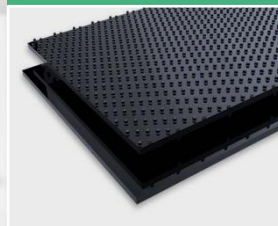
Combigrig® is a composite of Secugrid with a nonwoven geotextile welded within the geogrid structure for soil stabilization and reinforcement, separation and filtration applications.

Secugrid HS®



Secugrid HS® is a high strength geogrid from polyester filaments in a polyethylene coating for geotechnical applications in earthworks where tensile strengths in excess of 400kN/m are required.

Carbofol®



Carbofol® geomembrane liners are manufactured using high quality HDPE resins and in various thicknesses. Finishes include smooth and textured with an embossed structure for placement on steep slopes.

Bentofix®



Bentofix® is a needle punched reinforced Geosynthetic Clay Liner (GCL) with two durable geotextile outer layers encapsulating a uniform core of sodium bentonite clay for sealing applications.

Bentofix X®



Bentofix X® is a Bentofix Geosynthetic Clay Liner (GCL) with an additional polyethylene extrusion-coated barrier for sealing applications where uniform, multi-directional shear resistance is required.

Secutex®



Secutex® is a mechanically bonded nonwoven geotextile offering drainage, filtration, separation and protection functionality to a wide range of applications in road & railway construction, hydraulic engineering, landfills and environmental projects.



TeMa South Africa is the appointed distributor for the Naue range of specialist geosynthetics products in Southern Africa.

Naue is a leading global manufacturer of geosynthetics, specialising in the development, production, and application of high-quality solutions for geotechnical challenges. With decades of experience, Naue offers a comprehensive range of products that are utilised across various sectors such as civil engineering, environmental protection, hydraulic engineering, landfill construction, and mining.



Sustainability

A fundamental value for all companies in the IWIS Holding Group.

From the earliest years of industrial activities, the companies in the IWIS Group have set up their production plants using technologies that aim to minimise pollution into the soil, air or water: our **ISO14001 certification** is not an award but a commitment that the IWIS Group has made day after day to preserve the environment where we live and work.

Almost 50% of the energy used in the production processes comes from renewable sources: IWIS owns three photovoltaic plants - 200kWp, 150kWp and 100kWp and produces another 800kWp with a cogenerator.

IWIS Holding invests heavily in R&D to guarantee the quality of its products, for technological innovation and respect for the environment.

The IWIS Group uses recycled materials for some of its production processes, relying on four specific plants for recycling plastics.



We preserve
the environment
where we live



We use
renewable
sources



We invest in
research and
development



We use
recycled
materials

Our attention to the environment in all territories in which we operate.

Ever since TeMa was established almost 30 years ago, we have taken our environmental responsibility very seriously.

In Europe, TeMa has set up its own collection and recycling plants (EcoTeMa in Russia and Replastica in Romania) to handle high-density polyethylene (HDPE), and polypropylene (PP), which come from the post-consumption of bottles, liquid containers and plastic bottle caps.

The resulting salvaged material is then supplied to the Group's facilities and released onto the market. As part of this process, all the washing water is treated so that it can be reused.

The amount of reused plastic in TeMa products is determined in compliance with the standards and certifications in force in the respective countries, meeting the specifications of the customers' individual projects.

EPD

INTERNATIONAL EPD SYSTEM

Environmental Product Declaration EPD

TeMa Technologies and Materials has subjected certain product lines to an in-depth investigation to determine the consumption of resources and impacts of the various stages in the product's lifecycle on the natural environment. It has certified its performance through the inspection and certification body SGS and have been awarded EPD certification, unflagging and committed in our mission to reduce our environmental footprint.

S-P-06562: Erosion Control Mats

S-P-06563: Drainage Geocomposites

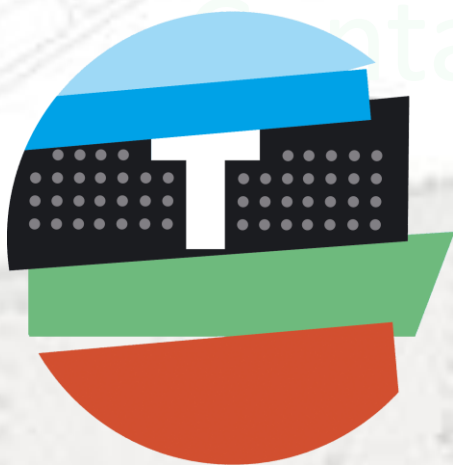
S-P-06571: Studded Membranes

EPD-IES-0020067: X-GRID PET-PVC-0 Geogrids

EPD-IES-0020066: X-GRID PET-C-0 Geogrids

www.environdec.com





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our website



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igs South
Africa
Benefactor