



Quality for Construction

TENAX[®]

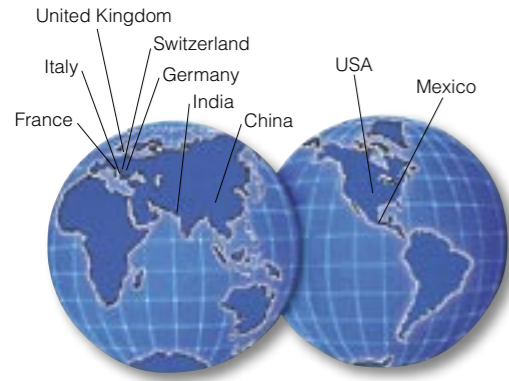


THE MOST EFFICIENT SOLUTIONS FOR A NEW CONSTRUCTION CONCEPT

A new age is coming, an age of sophisticated technology both in products and in production processes. In today's construction industry the use of new materials and the introduction of new building technologies have taken part in the rise of new opportunities which will be developed in the next years.

These new technologies have the important task of combining the concern for the environment with the safety of the workers.

TENAX is aware of the importance of these two issues and has been focusing its resources on a safer and more environmentally friendly construction concept.



TENAX Group
www.tenax.net

**QUALITY, RESEARCH
 AND INNOVATION**



Among the companies operating in the field of extrusion of thermoplastic polymers, TENAX is the only one that can boast a geographical presence of its production facilities in several continents. It is the only company that operates a policy of research through the widespread distribution of its products throughout the world, and the only one that has created and developed a network of closely interconnected organisations. The strength of the group and its dynamism are the major characteristics of the TENAX network. The total area of TENAX worldwide logistic and production organisation covers more than 130.000 m², 80.000 m² of which are dedicated to production plants.



Quality has always been a strategic objective to be met, in order to ensure maximum satisfaction with regard to customer's expectations. The TENAX Quality Assurance System has been assessed and certified in accordance with the ISO 9001:2000 Quality Standards by both SGS United Kingdom and SGS Italy. This system is constantly updated and directed at continual improvements in service and product quality. All aspects of each critical phase of the process are therefore monitored and carefully kept under control.

Ongoing technological investments

All the equipment used at TENAX factories is the result of specific in-house engineering research conducted in order to obtain the best efficiency and flexibility.

Research and experimentation

The TENAX Quality Control Laboratory is one of the most advanced in the world: each stage of the production process, from raw polymers to finished goods, is carefully monitored, enabling customers to have complete confidence in the products they buy.

Respecting the environment

TENAX commitment to the environment is also reflected in a more intelligent use of polymers (e.g. the orientation process gives better resistance to a net with the same quantity of raw material). TENAX is continually developing environmentally friendly technologies for the production of recyclable materials.

The Customer Service Department

The Customer Service Department from TENAX is always available to respond to your needs: expedition of documentation, samples, information on new products, quotations, promotional activities, information on applications or special products etc. You can easily contact the Customer Service Department by sending a fax or an e-mail.





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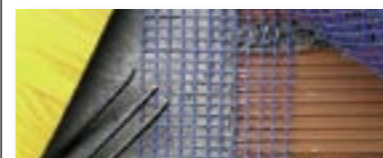
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




FENCING

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THE ORIGINAL ORANGE NET HAS BEEN DEVELOPED FIRST BY TENAX



					
	GIGAN	DRAGON	AREA WORKING	FORT/L	LABOR
Unit weight	450 g/m ²	250 g/m ²	200 g/m ²	130 g/m ²	100 g/m ²
Molecular orientation ⁽¹⁾	✓	✓	✗	✓	✗
Tensile strength	*****	****	..	...	.
Resistance to the weather elements	*****	****	...	...	...
Colour stability	*****	*****	*****	*****	*****
Screening	****	..	..	.	..
Re-usability	*****	...	..	...	.
Possibility of personalization	✗	✗	✓	✗	✗

⁽¹⁾ Exclusive stretching process in longitudinal direction that enables to reach a high tear resistance combined with the minimum possible weight.

The TENAX working-site fences allow you to choose a product that complies both with your expectations of quality, life-span and of a competitive price.



BUILDING SITE FENCING

GIGAN






The top quality product on the market

The world's best and most widely known building site fencing. Thanks to the TENAX orientation process, only **GIGAN** has a tensile strength of 16 kN/m together with a long life-span. **GIGAN** is available in orange and green colour. The latter is particularly suitable for low-impact installation in a natural environment.

Advantages:

- Unmatchable tensile strength (16 kN/m)
- Maximum structural strength
- Optimum resistance to chemical and atmospheric elements
- Maximum durability and reusability
- Suitable for installations in windy areas



Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Packing	Sales unit
1,20 x 30	85 x 30	orange 	8002929018809	25	rolls in PE film	roll
1,80 x 30	85 x 30	orange 	8002929018878	30	rolls in PE film	roll
2,00 x 30	85 x 30	orange 	8002929018755	25	rolls in PE film	roll
1,20 x 30	85 x 30	green 	8002929018823	25	rolls in PE film	roll
1,80 x 30	85 x 30	green 	8002929018908	30	rolls in PE film	roll





BULDING SITE FENCING

DRAGON

Optimum compromise between strength and weight

DRAGON offers superior tensile strength thanks to the TENAX exclusive stretching process, at a price comparable to non-stretched nets made by other manufacturers. The patented stretching system and the particular reinforced shape of this net enhance the resistance. **DRAGON** is available in sizes between 1 and 1,8 metres.

Advantages:

- Excellent tensile strength (11 kN/m)
- Good structural resistance
- Highly resistant to chemical and atmospherical elements
- Reusable many times
- Suitable for installations in windy areas

BULDING SITE FENCING

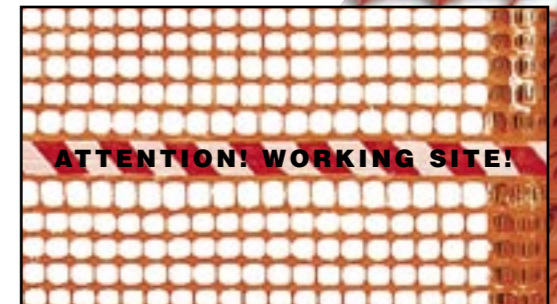
AREA - WORKING

Personalized upon demand

Outstanding compromise between price and quality. The use of a first quality polymer and the horizontal anti-tearing selvages make it ideal for the fencing of working site and road-works signalling.

Advantages:

- Horizontal selvages for easy installation
- First quality polymer
- Available also in green colour
- Good structural resistance
- Highly resistant to chemical agents and weather elements
- Reusable
- Possibility of personalization (**AREA**)



Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Packing	Sales unit
1,00x50	90x20	orange	8002929018663	30	rolls in PE film	roll
1,20x50	85x25	orange	8002929018687	25	rolls in PE film	roll
1,50x50	85x25	orange	8002929041296	30	rolls in PE film	roll
1,80x50	85x25	orange	8002929018717	30	rolls in PE film	roll
1,80x50	85x25	green	8002929018731	30	rolls in PE film	roll

Product	Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Packing	Sales unit
Area	1,00x50	45x40	orange	8002929052926	35	rolls in PE film	roll
Area	1,20x50	50x50	orange	8002929052933	35	rolls in PE film	roll
Area	1,50x50	50x32	orange	8002929052940	35	rolls in PE film	roll
Area	1,80x50	50x40	orange	8002929052957	35	rolls in PE film	roll
Working	1,20x50	50x50	green	8002929052834	35	rolls in PE film	roll
Working	1,80x50	50x40	green	8002929051578	35	rolls in PE film	roll



BULDING SITE FENCING

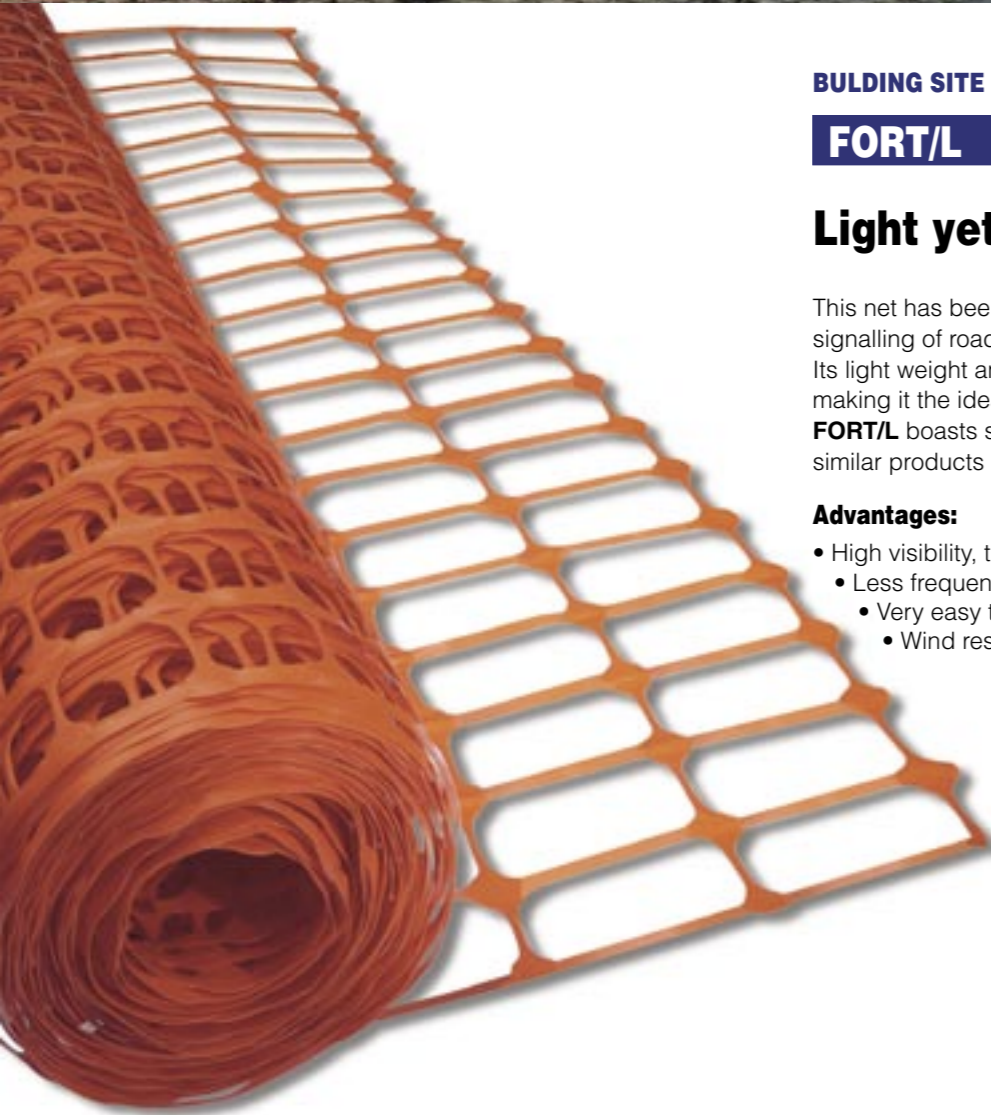
FORT/L

Light yet strong

This net has been specifically developed for warning and signalling of road works, obstacles and dangerous areas. Its light weight and flexibility allow quick and easy installation, making it the ideal solution also for short term applications. **FORT/L** boasts superior resistance to tearing compared with similar products by other manufacturers.

Advantages:

- High visibility, thanks to the particular colouring process
 - Less frequent poles
 - Very easy to install
 - Wind resistant



Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Packing	Sales unit
1,00x50	90x40	orange	8002929029553	78	rolls in PE film	roll
1,20x50	90x40	orange	8002929032614	78	rolls in PE film	roll

BULDING SITE FENCING

LABOR

The economical solution

The lowest price product, always guaranteed by the TENAX quality.

Advantages:

- High visibility thanks to the special colouring process
- Very easy to install
- Price convenient



Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Packing	Sales unit
1,00x50	62x40	orange	8002929075123	119	rolls in PE film	roll
1,20x50	62x40	orange	8002929075130	119	rolls in PE film	roll



MODULAR BARRIER SYSTEM

LIMIT 1

Barriers for metropolitan use

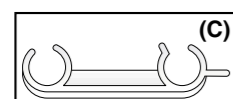
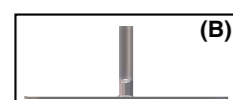
LIMIT 1 (1 m high) is an innovative and highly visible structure, developed by TENAX to allow an easy, efficient and safe barrier system for use in road-works, restricted areas and many other locations. **LIMIT 1** is a lightweight and flexible modular system that is easily transported, adapted and shaped according to the demands of the application. **LIMIT 1** consists of a rust-resistant metal frame supporting the famous heavy duty TENAX plastic mesh, known worldwide for its high tensile strength and its sturdiness. **LIMIT 1** complies with the Traffic Regulation and has been approved by the Italian Ministry of the Infrastructures and Public Transport.

Advantages:

- Lightweight, easy to store and transport
- Versatile and easy to erect
- Reusable and resistant to chemical and atmospheric elements
- Available in three highly visible colours
- Suitable for installation on different surfaces with the range of accessories available



Accessories



Panel size (m)	Mesh (mm)	Modules	Colour	Bar code E.A.N.	Barriers per box	Sales unit
1,00 x 3,00	33x65	3 of 1 m	orange*	8002929034595	2	box
1,00 x 4,00	33x65	4 of 1 m	orange*	8002929034311	2	box
1,00 x 6,00	33x65	6 of 1 m	orange*	8002929034625	1	box

(*) Yellow and Blue on request

Accessories

Product	Dimensions (m)	Colour	Bar code E.A.N.	Pieces per box	Sales unit
Picket (A)	0,60	black	8002929040435	-	pieces
Flat foot (B)	0,17	black	8002929039668	-	pieces
Hook (C)	0,14	white	8002929043573	-	pieces
Reflective band (D)	0,98 x 0,20	white/red	8002929069832	4	box

MODULAR BARRIER SYSTEM

LIMIT 2

The fast and easy building site

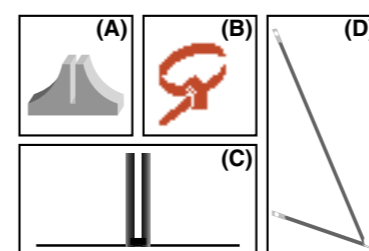
LIMIT 2 (2 m high) is the construction fencing system of the new Millennium. Today's construction sites, particularly those in urban areas, often suffer difficult logistical problems due to heavy traffic and limited space. The installation of temporary fences is, therefore, a major requirement for both construction workers and road users. **LIMIT 2** is the unique solution to this problem. Developed by TENAX, **LIMIT 2** is a modular fencing system that does not require any additional supporting structure for the installation. **LIMIT 2** complies with the Traffic Regulation and has been approved by the Italian Ministry of the Infrastructures and Public Transport.

Advantages:

- Space-saving, convenient to transport
- Lightweight and easy to handle
- Can be installed single-handed
- No need of stakes or pickets
- Highly visible barrier, requiring no additional marking



Product	Panel size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Panels per pallet	Sales unit
Panel	1,85 x 1,20	45 x 65	orange	8002929055088	30	pallet
Corner panel	1,85 x 1,20	45 x 65	orange	8002929055095	5	pallet



Accessories

Product	Dimensions (m)	Colour	Bar code E.A.N.	Pieces per sales unit	Sales unit
Concrete base (A)	0,56 x 0,12 x 0,30	grey	8002929055071	15	pallet
Plastic tie (B)	0,36	orange	8002929055170	500	box
Metallic base (C)	0,55 x 0,06 x 0,30	black	8002929056924	15	box
Brace (D)	2,20 x 0,90	black	8002929055149	5	bundle



UNDERGROUND WARNING DEVICE

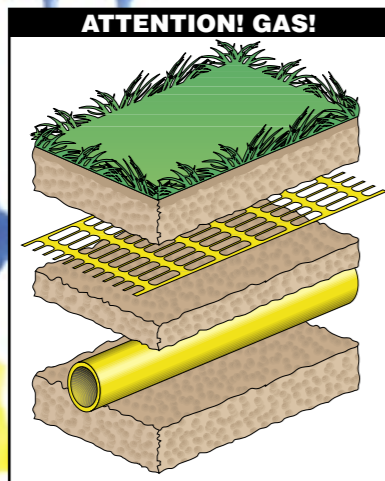
SIGNAL

All the colours of safety

SIGNAL is a polypropylene plastic stripe with a rectangular mesh which is obtained through a process of, first, extrusion and then stretching. **SIGNAL** is laid in the excavation trench about 50 cm above the cable or pipeline installation.

During future re-excavation works, the highly visible band will warn digger operators and cause them to stop before any damage is done to the pipeline.

SIGNAL is available in a number of colours to identify different applications, possibly equipped with a warning written band (**SIGNAL N**) and also with a metallic strip for easy identification by metal detectors (**SIGNAL NB**).



Technical characteristic:

- High tensile strength
- Unaffected by chemical agents
- Light and flexible
- Available in bright colours
- Personalized writing on tape upon demand
- Metallic detection strip upon demand

Advantages:

- Easy to install
- Immediate identification of the type of installation
- Reduced risk of damaging cables, pipes, etc., hence the possibility to avoid the relevant repair cost

Product	Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Packing	Sales unit
Signal 130	0,30 x 250	50 x 10	yellow	8002929018106	120	rolls in PE film	roll
Signal 130	0,30 x 250	50 x 10	blue	8002929018120	120	rolls in PE film	roll
Signal 130	0,30 x 250	50 x 10	red	8002929018090	120	rolls in PE film	roll
Signal 150	0,50 x 250	50 x 10	yellow	8002929018168	80	rolls in PE film	roll
Signal 150	0,50 x 250	50 x 10	blue	8002929018182	80	rolls in PE film	roll
Signal 150	0,50 x 250	50 x 10	red	8002929018151	80	rolls in PE film	roll

MECHANICAL PROTECTION FOR UNDERGROUND PIPELINES

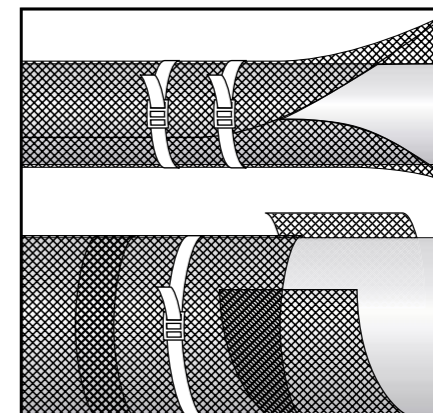
CE 4 - CE/T

Protection even under the ground

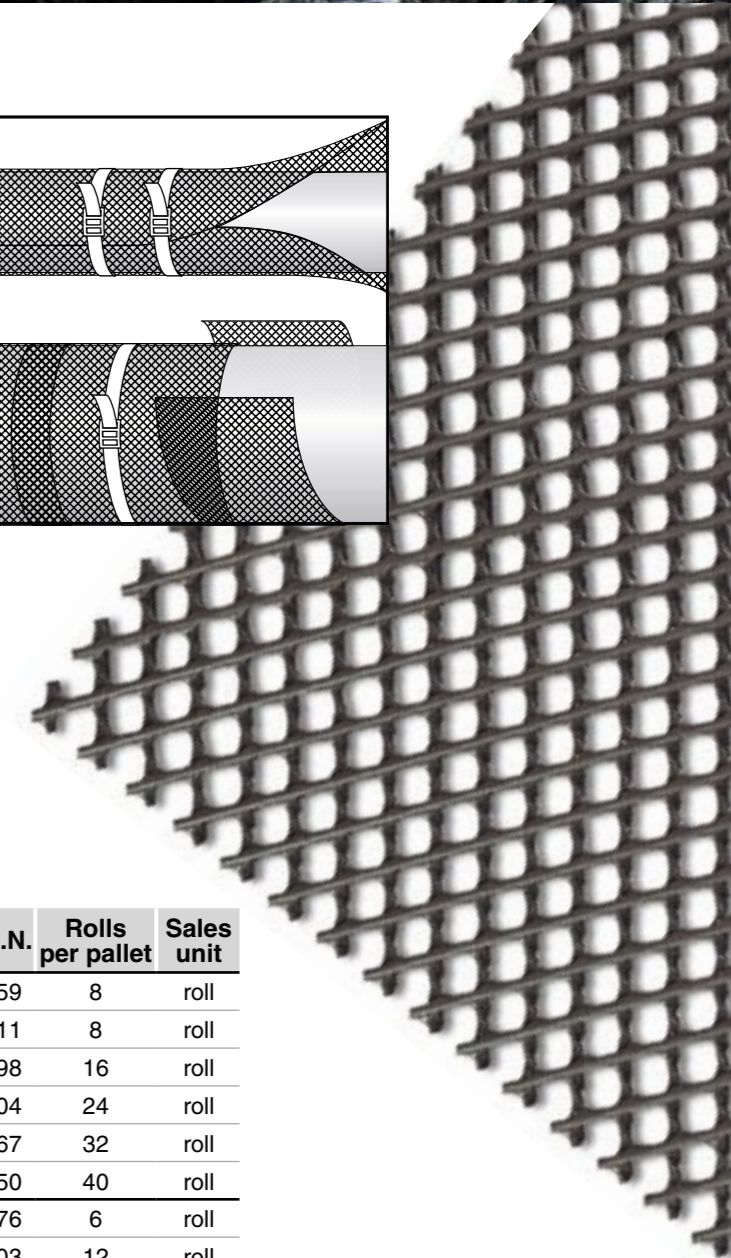
The **CE** product range has been especially conceived for the protection of all types of underground pipelines and is therefore resistant to chemical and biological agents commonly present in the ground. This allows their protective properties to remain unaltered throughout the life-span of the installation.

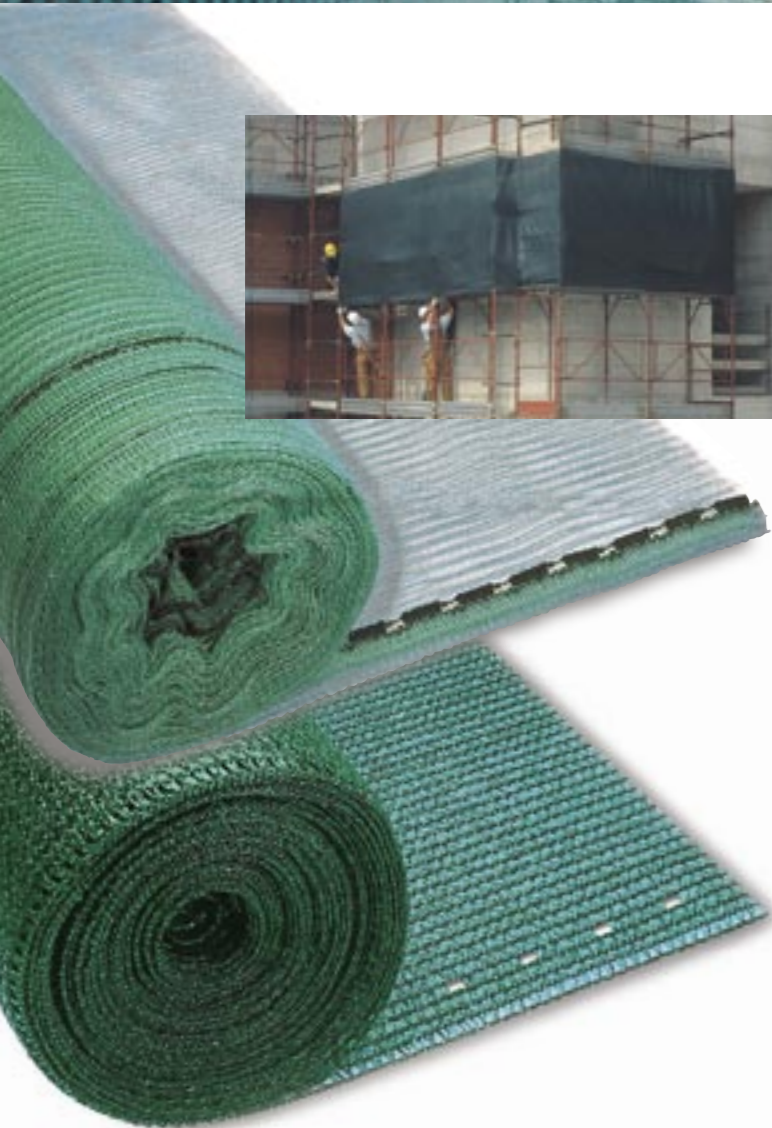
Advantages:

- High resistance to compression, tearing and wearing
- Maximum protection
- Adaptable to all pipeline sizes
- Complete chemical and biological inertia
- Light, flexible and easy to install



Product	Roll size (m)	Mesh (mm)	Unit weight (g/m ²)	Colour	Bar code E.A.N.	Rolls per pallet	Sales unit
CE 400	1,50 x 20	6,5 x 6	1200	black	8002929014559	8	roll
CE 402	1,20 x 20	6,5 x 6	1200	black	8002929014511	8	roll
CE 403	1,00 x 20	6,5 x 6	1200	black	8002929014498	16	roll
CE 408	0,60 x 20	6,5 x 6	1200	black	8002929014504	24	roll
CE 405	0,50 x 20	6,5 x 6	1200	black	8002929014467	32	roll
CE 406	0,40 x 20	6,5 x 6	1200	black	8002929014450	40	roll
CE/T	1,00 x 20	4 x 10	1800	black	8002929016676	6	roll
CE/T	0,75 x 20	4 x 10	1800	black	8002929061003	12	roll
CE/T	0,60 x 20	4 x 10	1800	black	8002929046710	18	roll
CE/T	0,40 x 20	4 x 10	1800	black	8002929060990	30	roll





SCAFFOLDING COVERS

COVERET - COVERET M

Made with rot-proof and UV stabilized polymers, **COVERET** and **COVERET M** are virtually ladder-proof. They can be cut into the desired dimensions without the need of selvages. Permeable to air and light, they help to create a natural working environment.

COVERET - The easy solution

Versatile woven net that offers a certain degree of screening and optimal protection at a very reasonable cost. Shading coefficient: 35%

COVERET M - The right balance between protection and ventilation

Product with good anti-dust characteristics and good screening properties towards the sunlight. Shading coefficient: 70%

Advantages:

- Price convenient
- Strong and reusable
- Easy to install
- Ladder-proof
- Resistant to the weather elements
- Allows light and air to pass through, for better working conditions
- Buttonholes to help installation

Product	Roll size (m)	Colour	Bar code E.A.N.	Rolls per box	Box per pallet	Sales unit
Coveret	1,80 x 25	green	8002929013316	9	12	box
Coveret	1,80 x 15	green	8002929022684	12	16	box
Coveret	1,80 x 10	green	8002929013309	16	16	box
Coveret M	2 x 25	green	8002929048554	4	18	box

SCAFFOLDING COVERS

COVERET H - COVERET L

COVERET H - Anti-dust protection for sandblasting

White woven net with a very tight mesh, especially conceived to cover buildings during sandblasting operations. It prevents dust and debris from falling out of the working area but at the same time it allows air to flow in.

During winter-time, **COVERET H** helps to maintain good climatic conditions in the working area thanks to its resistance and waterproofing properties.

Shading coefficient: 90%

COVERET L - Competitive yet protective

Product with an excellent ratio price vs. quality, guarantees good visibility conditions within the scaffolding. It is definitively a higher quality solution in respect to mats, cloths or plastics sheets.

Shading coefficient: 60%

Advantages:

- Exceptionally strong
- Reusable
- Optimal shading effect
- Buttonholes for easy installation
- Ladder-proof

Product	Roll size (m)	Colour	Bar code E.A.N.	Rolls per box	Box per pallet	Sales unit
Coveret H	1,80 x 25	white	8002929043580	4	18	box
Coveret H	1,80 x 100	white	8002929021892	-	16	roll
Coveret L	1,80 x 25	white	8002929052841	4	28	box
Coveret L	1,80 x 10	white	8002929059529	8	28	box





PLASTER REINFORCEMENT AND ANTI-CRACKING NETS

RF 1 - RF 2

Best alternative to metal meshes

RF is an effective anti-cracking solution for floor foundations. Rectangular mesh, in polypropylene, produced by means of extrusion followed by a bi-directional molecular orientation obtained through a special stretching process aimed at achieving a higher tear resistance combined to flexibility.

Reinforcement for:

- Concrete slabs with a thickness up to 5-6 cm (**RF 1**) or 7-8 cm (**RF 2**), even those mixed with clay foam and those in polystyrene
- Concrete casts over floor heating systems
- Screeds up to 3-4 cm (**RF 1**) or 5 cm (**RF 2**) with a medium/high particle-size
- Restoration works aimed at preservation
- Restoration of semi-collapsed lofts

Advantages:

- Easy to install, especially for big size surfaces
- Resistant to chemical agents: free from corrosion and unaffected by alkali
- Light and easy to transport
- No interference with magnetic fields
- Adaptable to uneven surfaces
- **RF 1** is also available in pre-cut sheets 2x1 m
- The use of the pre-cut sheets in cardboard boxes makes palletizing and transport more convenient

Product	Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls/sheets per pallet	Packing	Sales unit
RF 1	1,00 x 50	27 x 42	grey	8002929034755	50	rolls in PE film	roll
RF 1	1,50 x 50	27 x 42	grey	8002929034779	50	rolls in PE film	roll
RF 1	2,00 x 50	27 x 42	grey	8002929034786	50	rolls in PE film	roll
RF 1	2,00 x 1,00	27 x 42	grey	8002929043610	500	box	box
RF 2	1,00 x 50	48 x 69	grey	8002929034212	28	rolls in PE film	roll
RF 2	1,50 x 50	48 x 69	grey	8002929060716	28	rolls in PE film	roll
RF 2	2,00 x 50	48 x 69	grey	8002929034762	28	rolls in PE film	roll

PLASTER REINFORCEMENT AND ANTI-CRACKING NETS

ARMAFLEX

More flexibility for higher resistance

ARMAFLEX is a polypropylene bi-oriented net for plaster reinforcement with a thickness up to 3 cm.

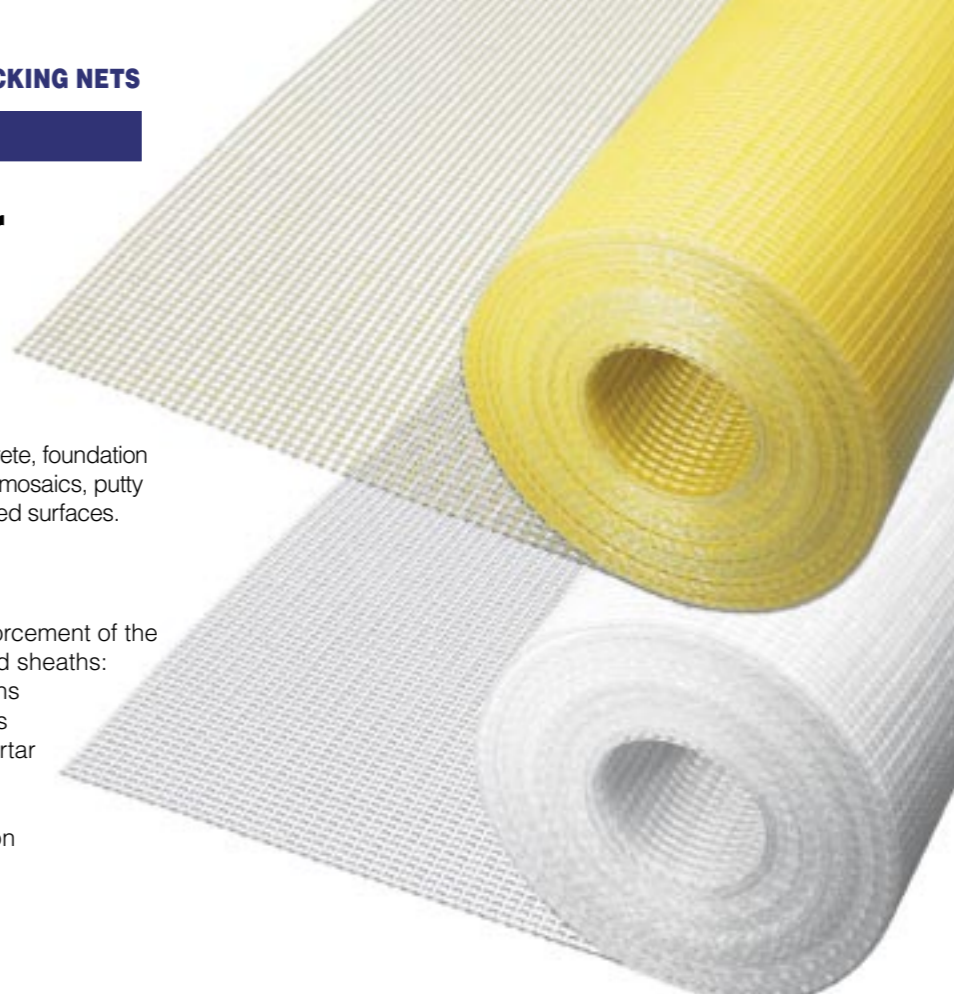
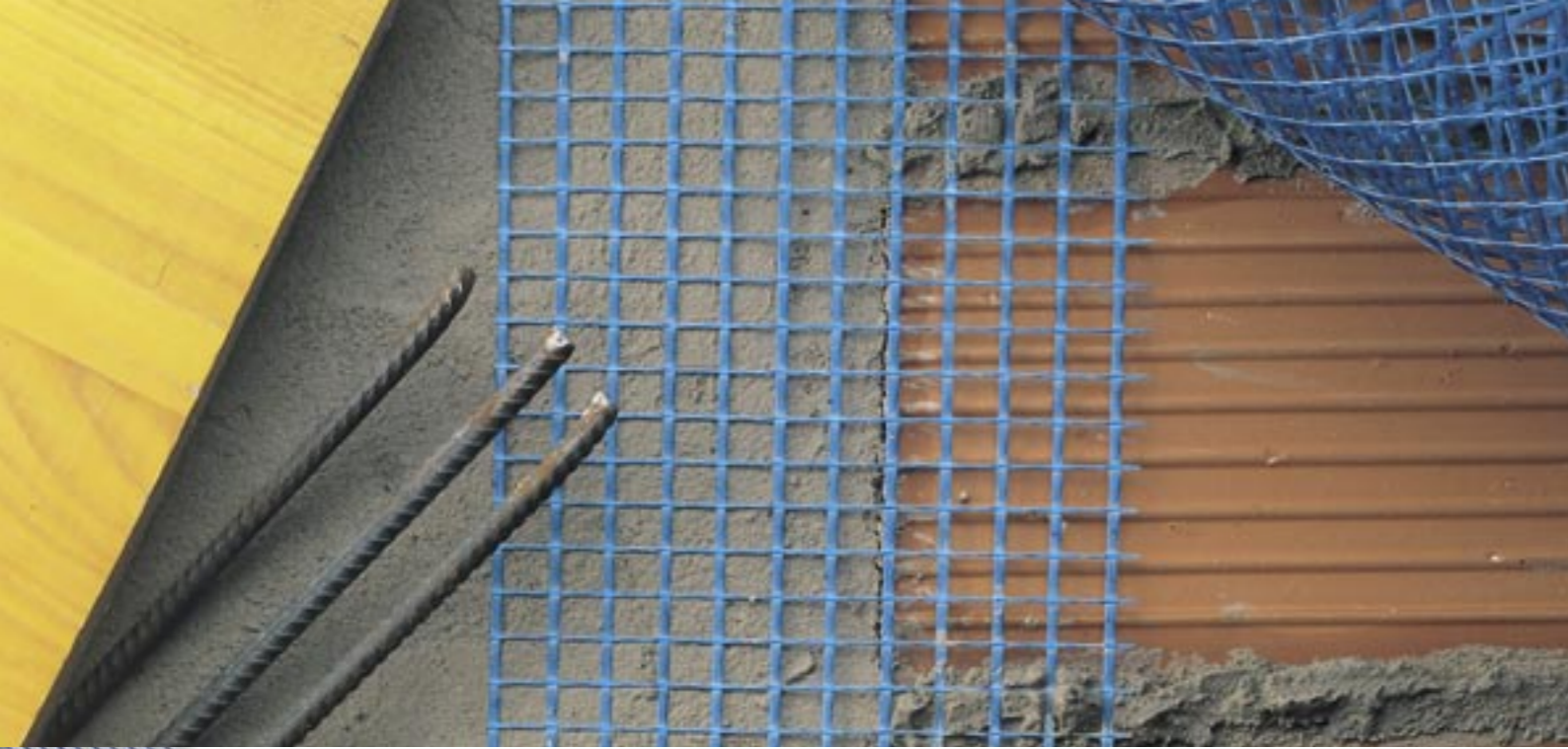
ARMAFLEX offers high flexibility and is particularly suitable in areas which are subject to ground settling; it is the ideal solution for any kind of brick-work, particularly those presenting irregular surfaces, and for any kind of damaged wall.

Advantages:

- Easy to lay
- Highly flexible
- Resistant to chemical agents
- Unaffected by alkali
- No interference with magnetic fields
- Light, flexible and easy to shape



Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per box	Box per pallet	Sales unit
1,00 x 50	12 x 15	white	8002929047168	4	9	box



PLASTER REINFORCEMENT AND ANTI-CRACKING NETS

ARMATEK - ARMATEK/L

Ideal for fire-resistant screed reinforcements

Fibreglass net with rectangular mesh, coated with starch to avoid the attack of alkali, offers dimensional stability and tear resistance.

Applications:

- Screed reinforcement where the thickness of the plaster does not exceed 2 cm, in outdoor on indoor applications
 - Screed reinforcement where there is a joint between materials with different coefficients of thermal expansion such as planking and pillars in reinforced concrete
- Screed reinforcement in correspondence with installation grooves

Advantages:

- Avoids the slump effect of plaster and prevents the micro-cracking
- Dimensional stability
- Resistance to alkali
- Resistance to wearing
- Light, flexible and adaptable to every surface

Product	Roll size (m)	Unit weight (g/m ²)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per sales unit	Box per pallet	Sales unit
Armatek	1,00 x 50	138	10 x 9	blue	8002929039880	4	6	box
Armatek/L	1,00 x 50	110	10 x 10	blue	8002929061294	30	-	pallet

PLASTER REINFORCEMENT AND ANTI-CRACKING NETS

KAP - KAP/L

Ideal for finishing plaster

Fibreglass net with rectangular mesh, coated with starch to avoid the attack of alkali, offers dimensional stability and tear resistance.

Applications:

Reinforcement net in smoothing operations for concrete, foundation slabs and screeds (before painting or application of mosaics, putty or plastic mixtures) or for the restoration of deteriorated surfaces.

KAP

Reinforcement of the adhesive smoothing for thermal insulation systems.

KAP/L

Also ideal for reinforcement of the waterproofing liquid sheaths:
 - bituminous sheaths
 - elastomer sheaths
 - waterproofing mortar

Advantages:

- Effective anti-slipping and anti-cracking function
- Avoids the detaching of the coating layer
- Dimensional stability
- Resistance to alkali
- Resistance to tearing
- Light, flexible and easy to shape

Product	Roll size (m)	Unit weight (g/m ²)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per box	Box per pallet	Sales unit
KAP	1,00 x 50	145	4,3 x 3,4	yellow	8002929031143	4	6	box
KAP/L	1,00 x 50	65	3,5 x 4,2	white	8002929031150	4	12	box

THE TENAX DRAINAGE SYSTEMS

The TENAX drainage composites have a tri-dimensional structure which has been designed to ensure optimal drainage action in horizontal or vertical applications. Their thickness combined with their high resistance allows an effective drainage.

The non-woven side has high filtration properties, allowing liquids to pass through but avoiding the ground particles from entering and blocking the drainage channels created by the cuspidate membrane.

The TENAX drainage composites are produced using only the highest quality materials and are constantly submitted to quality control procedures to guarantee a constant performance. More effective than the traditional methods, they are also easier to install and more convenient. Moreover, thanks to their flexibility, they can be shaped and trimmed to fit any surface.

Advantages:

- Excellent quality/price ratio
- Easier to stock and transport as opposed to traditional methods
- Easier evaluation of the required quantity
- No overloading of the concrete support slab
- Easy to trim according to the desired shape
- Can be installed even by unskilled workers
- Chemical inertia and UV resistant
- Possibility of reusing the excavated soil

TENAX Drainage system for vertical surfaces



TENAX Drainage system for horizontal surfaces



DRAINAGE AND PROTECTION COMPOSITES

PRT

Protection and ventilation for foundations

Membrane manufactured in high density polyethylene (HDPE) presenting a flat surface on one side and protruding ribs on the other.

PRT has a very high resistance to compression and when laid on the waterproofing system it creates an air cushion, thus enabling the ventilation of the wall and the evaporation of the excess of humidity.

Applications

Mechanical protection of the waterproofing system for:

- Foundation and containment walls
- Foundation bases in replacing the traditional drainage layer in lean concrete, even with the function of blocking capillary rise

Advantages:

- High resistance to compression
- High protective function
- Anti-root penetration
- Does not stick to the waterproofing membrane
- Biological and chemical inertia
- Recyclable



Roll size (m)	Thickness (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Sales unit
2,00 x 25	4,5	black ■	8002929059215	8	roll



DRAINAGE AND PROTECTION COMPOSITES

DL 1

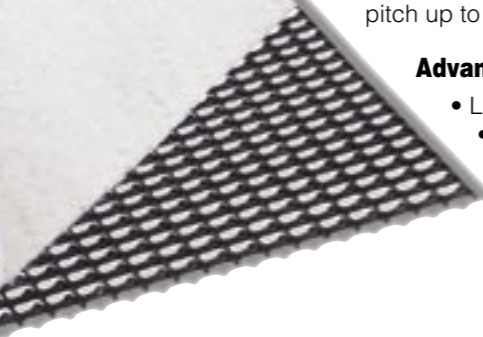
A light drainage net at a “light price”

DL 1 is made of a drainage net joined together with a filtering non-woven fabric. **DL 1** has excellent characteristics compared to its light weight and cost, thanks to the particular tridimensional shape.

It can be used for roof gardens or terraces with a pitch up to 5 metres.

Advantages:

- Light weight
- Good cost / benefit ratio
- Good drainage capability
- Very easy to install, no need of skilled labour
- Suitable for driveways



DRAINAGE AND PROTECTION COMPOSITES

DP 1

High-end drainage and protection thanks to a cuspidate membrane

DP 1, impermeable composite made of a cuspidate membrane laminated to a non-woven, ideal for the use in roof gardens and terraces.

Applications

Mechanical protection and anti-root protection in waterproofing systems and drainage systems for:

- Roof gardens and green terraces
- Driveways and walkways (surfaces made of interlocking blocks, roof parkings, terraces etc.)
- Foundation and containment walls when drainage is necessary because of:
 - cohesive soil with adjacent waterbeds;
 - accumulation of rain water;
 - humidity infiltration on walls.
- Foundation bases (to avoid humidity due to capillarity rise)

Advantages:

- High drainage property
- Filtration, drainage and anti-root function in just one product
- Only 8 mm thick it can drain up to 2.100 l/m²h (horizontal surfaces)
- Very fast and easy to install, no need of skilled workers
- Suitable for driveways



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Roll size (m)	Thickness (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Sales unit
2,10x20	5,5	black ■	8002929047199	6	roll



0799-CPD-25

Roll size (m)	Thickness (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Sales unit
1,50x20	8	black ■	8002929033550	6	roll





DRAINAGE AND PROTECTION COMPOSITES

DR 1

The composite net for drainage and protection

DR 1, made of a cuspidate net laminated to a non-woven ideal for drainage applications in vertical installations like foundation or containment walls.

Advantages:

- Excellent drainage properties even when subject to loads
 - Filtration and drainage function combined in just one product
 - Very fast and easy to install, no need of skilled workers
 - Suitable for driveways
 - Easy to shape and trim



Roll size (m)	Thickness (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Sales unit
1,50 x 20	12	black ■	8002929033543	6	roll



0799-CPD-25



DRAINAGE AND PROTECTION COMPOSITES

DR 2

Triple action drainage and protection

DR 2, made of a cuspidate net laminated to 2 non-wovens, ideal for the use in following applications:

- Terraces and roof gardens
- Driveways and walkways
- Drainage trenches
- Foundation and containment walls when drainage is necessary because of:
 - cohesive soil with adjacent waterbeds;
 - accumulation of rain water;
 - humidity infiltration on walls.

Advantages:

- Excellent drainage properties even when subject to loads
- Filtration and drainage function combined in just one product
- Very fast and easy to install, no need of skilled workers
- Suitable for driveways
- Easy to shape and trim



Roll size (m)	Thickness (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Sales unit
1,50 x 20	12	black ■	8002929033567	4	roll



0799-CPD-25





DRAINAGE AND PROTECTION COMPOSITES

TS 1 - TS 2

The very light yet stronger geo-textiles

The special geo-textiles **TS 1** and **TS 2** are made of polypropylene fibres of excellent quality. **TS 1** is calendered on one side whilst **TS 2** is calendered on both sides. Thanks to this special finishing process they can replace the ordinary non-wovens in polyester. As a matter of fact with a reduced weight (140-180 g/m²), they assure a better resistance to stretching (> 4,5-7,4 kN/m), CBR puncturing (> 800-1100 N), unalterability and durability. The reduced thickness prevents the geo-textiles from clogging. They are suitable for the direct contact with all the materials even with wet concrete.

Applications:

- Roof gardens, carriageable terraces (combined with the TENAX drainage system)
- Surfaces made with interlocking blocks (between the substrate ground and the installation layer)
- Drainage trenches (between the ground and the drainage gravel)
- In case of a specific demand, it can be added as separation and protection element

Advantages:

- Chemical inertia
- Reduced water absorption, but long term filtration
- Low deformability

	TENAX geo-textiles in polypropylene	Ordinary geo-textiles in polyester with a weight of 200-300 g/m ²
Easy to lay	****	**
Reduced bulk	***	.
Low weight	***	**
Stretch resistance	****	**
Resistance to tearing and puncturing	****	**
Chemical inertia	****	**



Product	Roll size (m)	Thickness (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Packing	Sales unit
TS 1	2,20 x 130	0,93	white	8002929043658	9	rolls in PE film	roll
TS 2	2,20 x 100	1,3	white	8002929043627	9	rolls in PE film	roll

TURF REINFORCEMENT

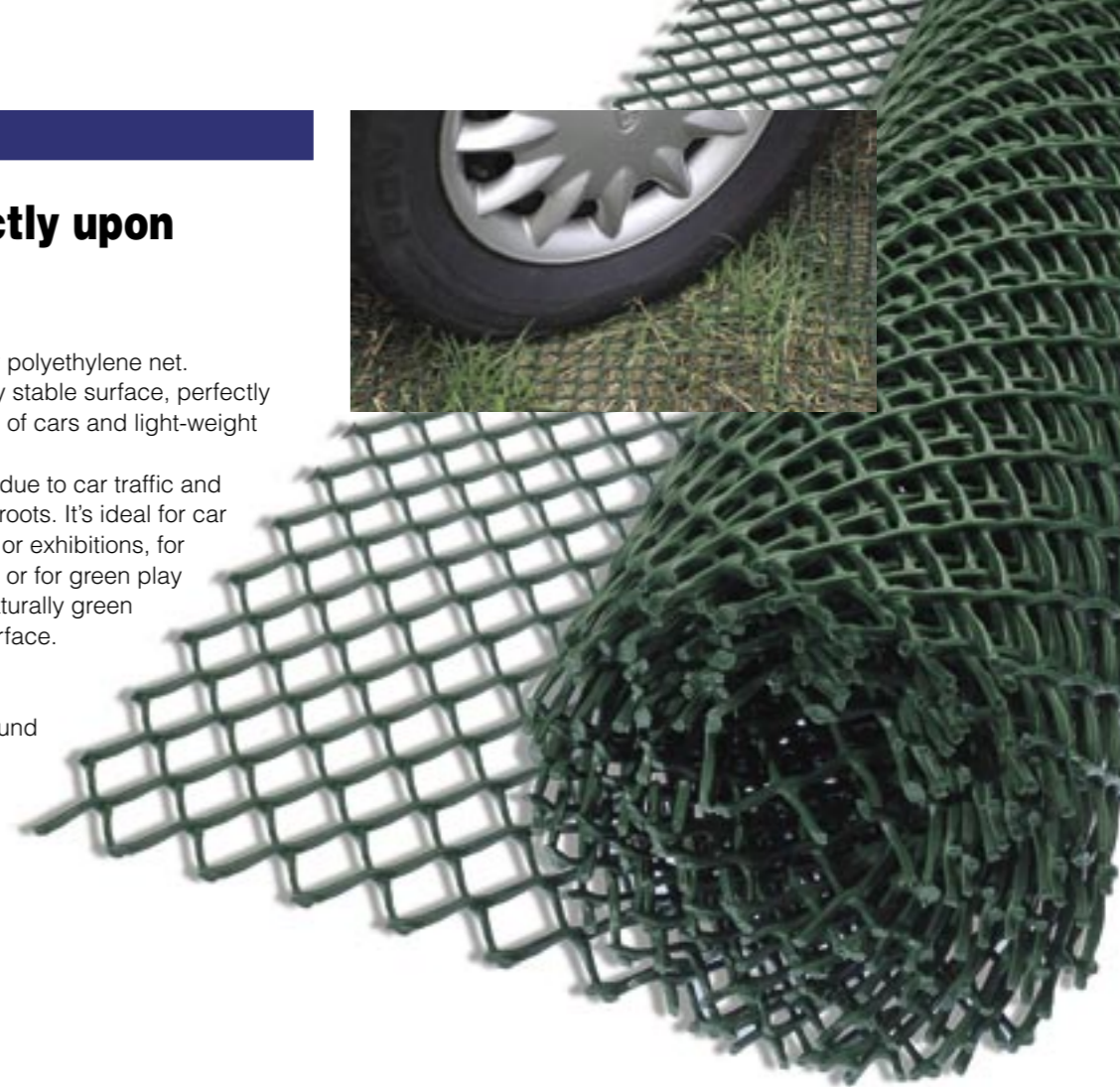
TR

Can be laid directly upon existing lawns

TR is a very strong, high density polyethylene net. Once installed, it provides a very stable surface, perfectly suitable to withstand the loading of cars and light-weight trucks. **TR** protects from ground rutting due to car traffic and ensures a good grasp for grass roots. It's ideal for car parking during events, concerts or exhibitions, for storage of roulottes or caravans, or for green play areas. The finished effect is a naturally green environment with a stabilised surface.

Advantages:

- Once the grass has grown around the mesh, it becomes invisible
- Easy to install
- Does not scratch or cut



Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Sales unit
2,00 x 30	30 x 27	green	8002929010810	8	roll



TURF REINFORCEMENT

GP

The right product for ground stabilization

Extruded net in high density polyethylene (HDPE) with a tri-dimensional structure ideal for the reinforcement of green parking areas, green driveways and other green areas where the grass mantle can be damaged by cars or pedestrians passage - especially lawns with soft substrates, e.g.:

- Areas temporarily or permanently adhibited to events and concerts
- Parking lots for cars, trucks and vans
- Green driveways
 - Green pedestrian footpaths
 - Every grass surface potentially exposed to the formation of grooves
 - Stabilisation of footpaths, driveways or parking lots

Advantages:

- Stabilization of the substrate
- Prevention of the formation of grooves
- Protection of the grass mantle
- Easy to lay, at reasonable cost, even on large surfaces
- Excellent aesthetical impact

Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Sales unit
2,00 x 20	18 x 15	green	8002929061140	4	roll

TURF REINFORCEMENT

EG/T - EG/S

The perfect lawn in few steps

Biodegradable non-woven in cellulose fibres, with seeds and fertilizers properly dosed and evenly spread within the textile threads.

EG/T

Textile for specific utilisation in non-bituminous parking lots and green walkways with high pedestrian traffic.

EG/S

Textile especially conceived for roof gardens and sloped green areas.

Advantages:

- 100% biodegradable
- Helps the growth of a natural and even grass mantle
- Contains already the appropriate amount of seeds
- Contains already the fertilizer
- Avoids the growth of bad seeds
- Good mulching effect
- Resistant to the weather elements
- Ideal for the use on sloped surfaces
- Excellent aesthetical impact



Product	Roll size (m)	Unit weight (g/m ²)	Colour	Bar code E.A.N.	Sales unit
EG/T	2,15 x 50	150	green	8002929063397	roll
EG/S	2,15 x 25	150	green	8002929065209	roll





FENCING

RANCH 1 - MILLENNIUM

RANCH 1 - Low aesthetical impact

A fencing net which is manufactured using TENAX bi-orientation technology (stretching of the mesh in both the longitudinal and transversal directions) to provide extra strength and rigidity. **RANCH 1** has a quality/price ratio without equals and is available in heights up to 4 m, solving all temporary and permanent fencing problems.

MILLENNIUM - Looks like metal but outdoes it

An innovative net with very high tensile strength, thanks to the molecular orientation in both the longitudinal and transversal directions. The unique silver colour and the shape of the mesh, make it the light and convenient alternative to metallic nets. This product is particularly suitable for bio-architecture and fencing in areas with particular electro-magnetic problems. In fact **MILLENNIUM** does not interfere with magnetic fields and is therefore the ideal solution for airports, radar installations, etc.

Advantages:

- Easy to install with wooden, plastic or metal poles
- Rustproof
- Strong and flexible
- Lighter than wire meshes
- Allows fencing up to 4 m height with one roll only

Product	Roll size (m)	Mesh (mm)	Colour	Bar code E.A.N.	Rolls per pallet	Sales unit
Ranch 1	1,00 x 50	27 x 42	green	8002929034816	50	roll
Ranch 1	1,50 x 50	27 x 42	green	8002929034809	50	roll
Ranch 1	2,00 x 50	27 x 42	green	8002929034830	50	roll
Ranch 1	4,00 x 50	27 x 42	green	8002929034854	-	roll
Millennium	1,00 x 50	33 x 46	silver	8002929046840	20	roll
Millennium	2,00 x 50	33 x 46	silver	8002929046857	10	roll
Millennium	4,00 x 50	33 x 46	silver	8002929046864	-	roll

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