Geoplast Building beyond together

GEOPLAST CATALOGUE 2022

Rules for Profitable Sustainability:

Adopt innovative solutions

Reduce construction time

Use recycled materials

English

GeoplastGlobal.com

Mirco Pegoraro, CEO Geoplast

SUSTAINABLE PROFITABILITY

The construction industry today has the opportunity to achieve immediate financial returns at an early stage. Appropriate design and construction decisions can ensure both a sustainable and profitable outcome.

Thanks to our solutions, investors, developers, designers and builders no longer have to wait for long periods before seeing a tangible return on their projects.

Our products, which can be easily integrated into any design, can significantly reduce construction time and the volume of materials on the construction site leading to cost savings from the earliest stages of the project.

Furthermore, all Geoplast products are made from regenerated plastic waste and enhance the performance of the building structure while reducing the consumption of traditional materials: projects that incorporate Geoplast solutions are thus in line with the concept of Enviromental Sustainability.

Researching and adopting sustainable design and construction solutions is one of the greatest opportunities of our generation, not only in terms of social and ecosystem protection but also for the development and progress of our industry.

BACKGROUND

Since its foundation in the early 1970s, Geoplast has been designing and manufacturing innovative products in recycled plastic.

We create sustainable solutions with high added value which offer excellent performance and ensure a useful life cycle in line with the highest standards of the construction industry.

Year after year we have improved our skills in the strategic sectors in which we operate such as construction, rainwater management, urban greening and landscape, and we have always proved to be a reliable and efficient partner.

Geoplast products are present worldwide thanks to an extensive network of distributors which also includes two branches in South Africa and in the USA.

PRODUCTION

3

PRODUCTION FACILITIES ON A TOTAL AREA OF 40.000 M²

2

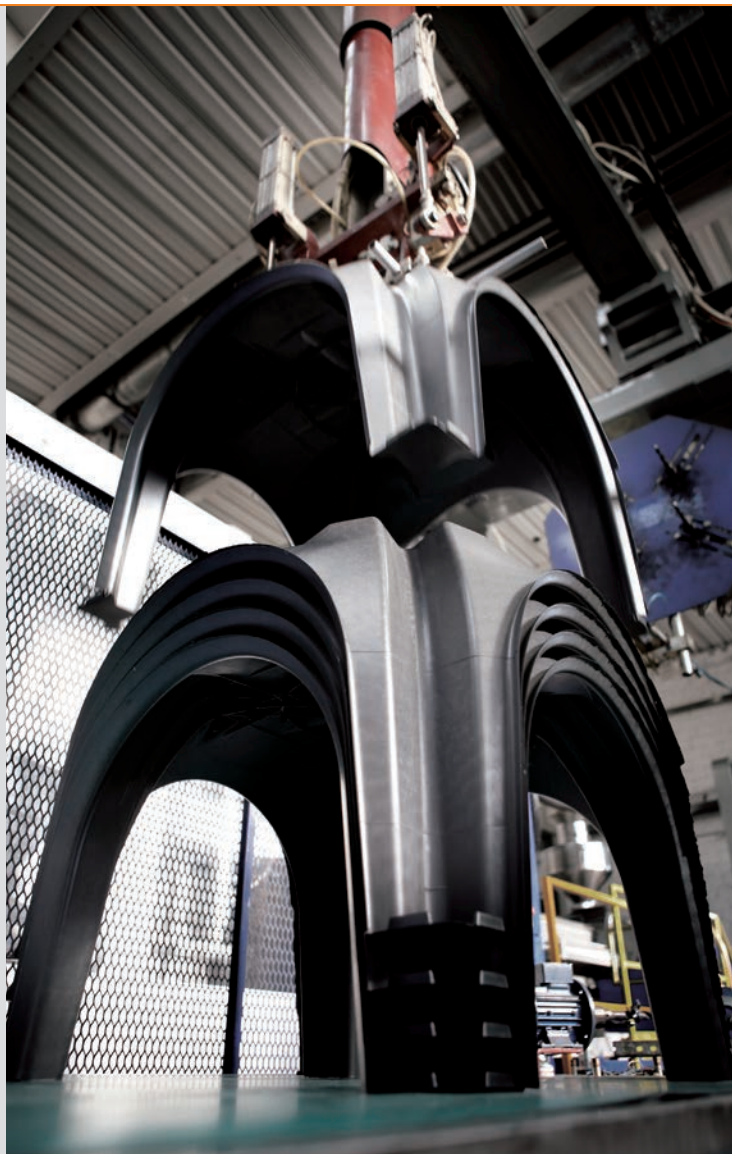
PLASTIC WASTE REGENERATION LINES

26

HIGH TONNAGE INJECTION MOULDING

over **25.000**

TONS PER YEAR OF PROCESSED MATERIAL



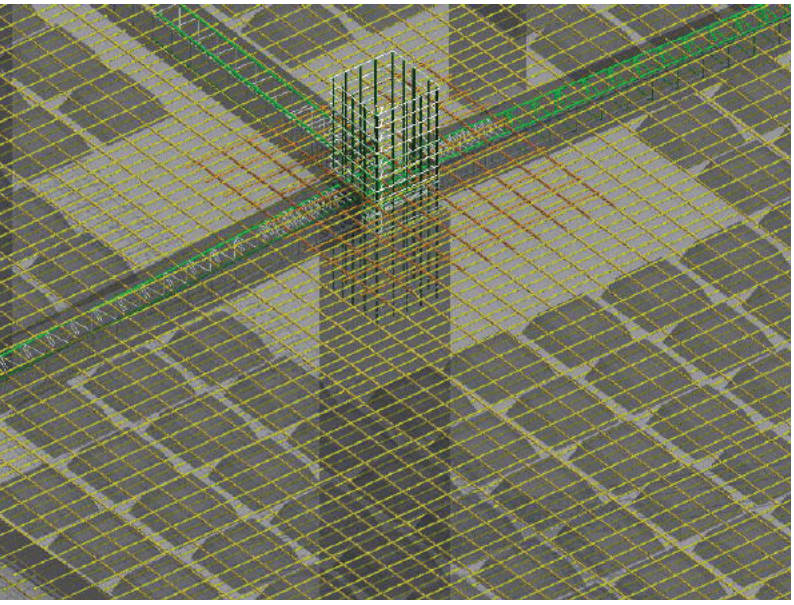
SERVICES & CONSULTING

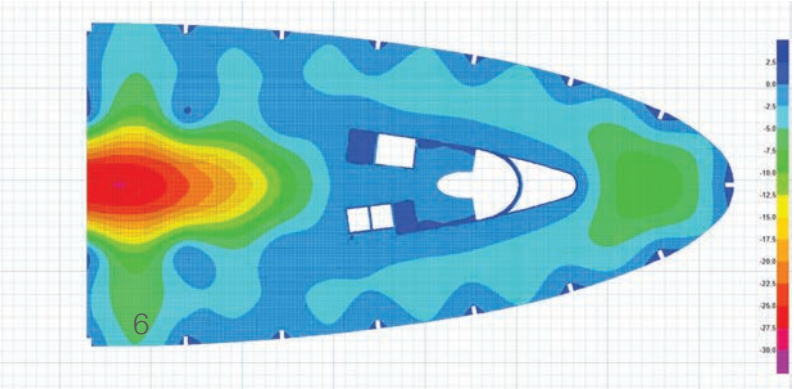
A team of engineers and architects is ready to provide consulting to clients, designers and contractors.

Geoplast provides services ranging from technical feasibility analysis, preliminary and final design to on-site assistance.

We share and distribute our knowledge to our partners around the world using computing tools, webinars and digital publications.

- ✔ **FEASIBILITY ANALYSIS**
- ✔ **PRELIMINARY DESIGN**
- ✔ **EXECUTIVE DESIGN**
- ✔ **ON-SITE ASSISTANCE**





ASSISTANCE WITH DESIGN

A MULTI-DISCIPLINARY PARTNER IN THE CONSTRUCTION INDUSTRY

PRODUCTS OF CERTIFIED QUALITY

INNOVATION

The search for intelligent, sustainable and cost-effective solutions has always been our goal. Up to today, our research and development team has registered over 40 patents and 50 trademarks worldwide.

Our philosophy is that there are always smart, sustainable and cost-effective solutions just around the corner which should be discovered.

+40
PATENTS

+50
TRADEMARKS

SUSTAINABILITY

We are convinced that Environment and Industry can coexist and support each other: this has been our main motivation since the company was founded.

All our products are made of recycled plastic from post-consumer and industrial waste. What elsewhere would be considered waste material is transformed into a valuable resource and new smart applications.

EPD®

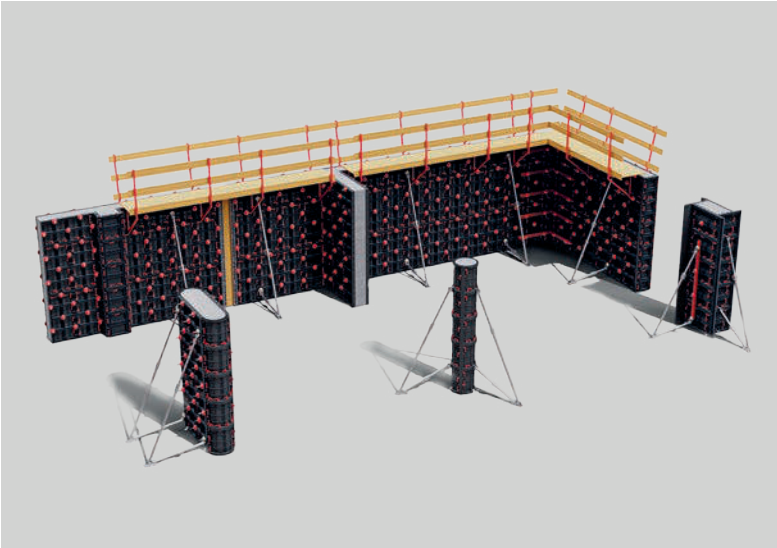
THE INTERNATIONAL EPD® SYSTEM

GEOPLAST SOLUTIONS

Structural filling systems for projects of any size which ensure maximum versatility of use in multiple applications, including foundations, access ramps and steps.

FOUNDATIONS

1 page 10



Modular formwork elements, used to obtain countless combinations for any type of structure.

Reusable multiple times, Geoplast formwork replaces wood and steel, reducing significantly futher construction works thanks to its easy use and low weight.

FORMWORKS

2 page 28

Geoplast void-former solutions reduce the weight of roof slabs, improving the seismic response of buildings and reducing the consumption of concrete and steel.
Ease of use reduces installation time for both one-way and two-ways slabs.

SLABS

3 page 44

Systems to create storage and drainage tanks suitable for any type of soil and able to withstand vehicular traffic up to very high load classes.

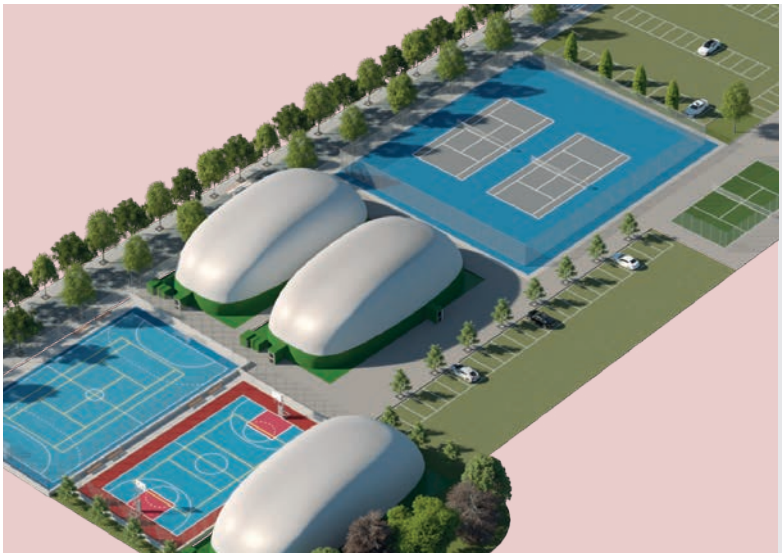
WATER

4
page 60

High-strength solutions to create parking and transit areas for passenger and heavy-duty vehicules, systems for vertical greenery and for the protection of trees root systems in urban contexts.

GREEN

5
page 78



Multi-purpose sport surfaces, quick to install and to move to other locations in case of temporary events.

Synthetic surfaces for winter sports even without snow.

SPORT

6
page 112

MODULO H3 - H70

Permanent formwork for technical backfilling and ventilated crawl spaces.

MULTIMODULO H13 - H40

Permanent formwork for technical backfilling and ventilated crawl spaces.

ELEVETOR SYSTEM UP TO H300

Permanent formwork for technical backfilling, level adjustments and crawl spaces up to 3 m high.

MATRIX

Raised concrete flooring element.

BIOMODULO

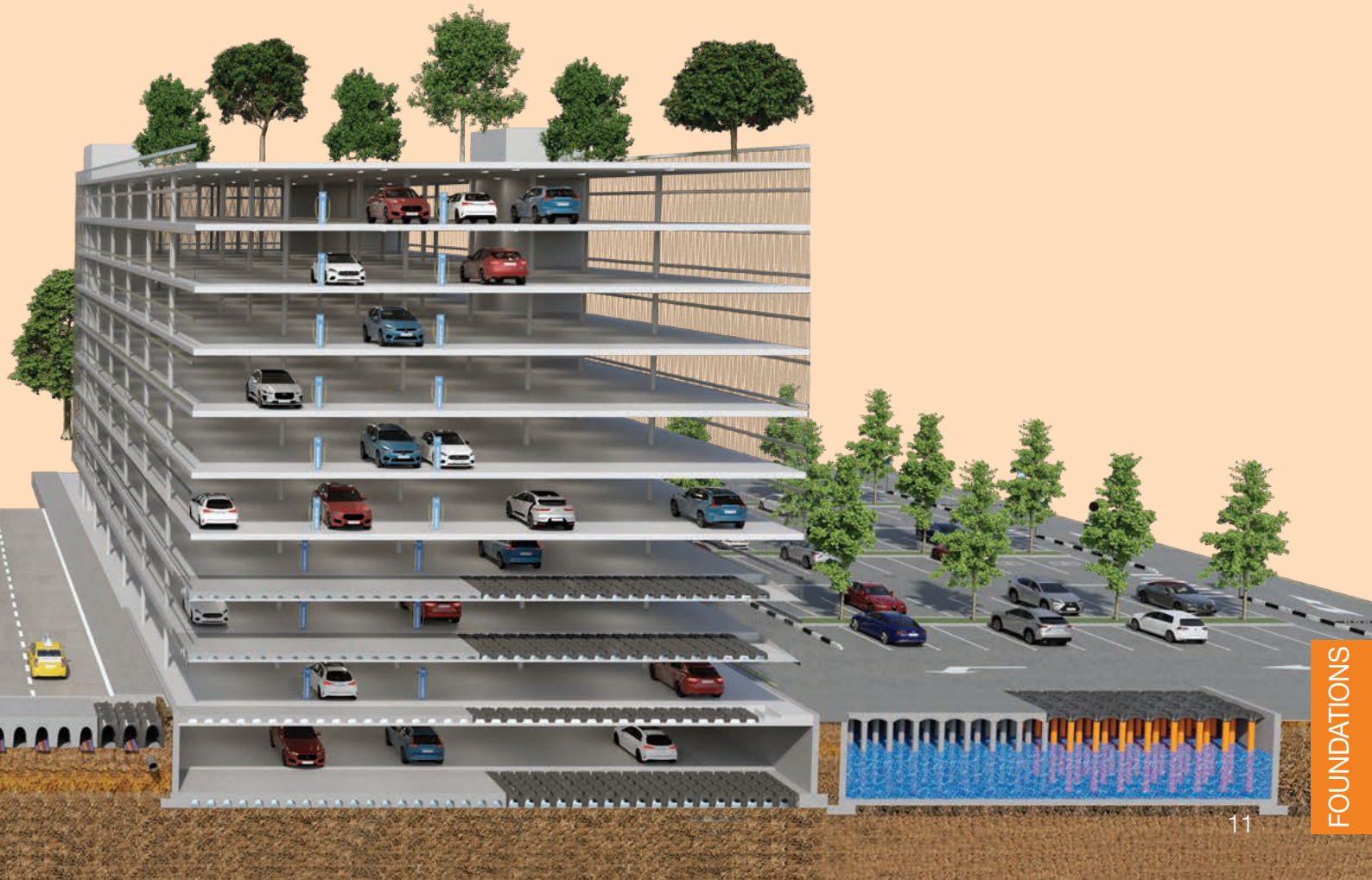
Formwork for the diffusion of air in composting systems and in biofilters.

DEFENDER

Modular panel for the protection of basement walls.

FOUNDATIONS

All our solutions, including those for foundations, have been designed to achieve 3 goals: sustainability and respect for the environment, living comfort for people to whom our products are adressed and profitability for those who operate in the sector.
Thanks to our technology, we are able to transform plastic waste into construction systems with a low environmental impact, which significantly reduce the use of expensive and polluting materials, such as steel and concrete. This limits handling and transportation to the construction site and reduces building time significantly.



MODULO H3 - H70

PERMANENT FORMWORK FOR FILLINGS AND VENTILATED CRAWL SPACES

ACCESSORIES

H13-70 GEOBLOCK

H13-40 FERMAGETTO

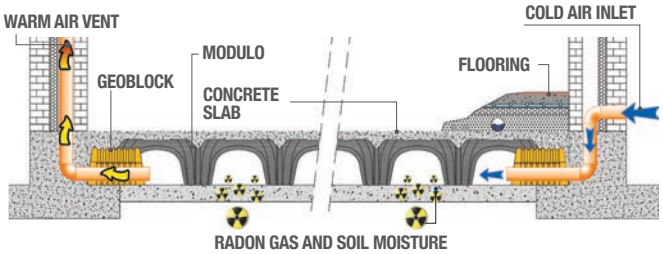
H45-70 FERMAGETTO BOARD

H50-70 FAST LEG

H 65-70 RING

- HEIGHT COMPENSATION
- RISING DAMP PROTECTION
- LIGHTENED STRUCTURAL FILLINGS
- RADON GAS MITIGATION
- COLD STORAGE UNITS
- URBAN TREE MANAGEMENT

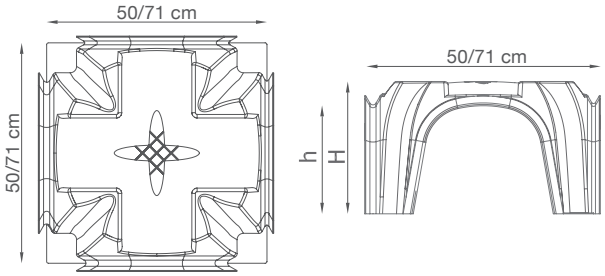
PERMANENT FORMWORK FOR STRUCTURAL FILLINGS AND VENTILATED CRAWL SPACES. IT ENSURES CONCRETE SAVINGS AND IT REDUCES INSTALLATION TIMES.



MODULO H3 - H70

Material	Graplene (Recycled Polypropylene Compound)				
	Dimensions (cm)	Concrete consumption (m^3/m^2)	Packaging dimensions (cm)	Packaging (m^2)	No. pieces
MODULO H3	50 x 50	0.004	120 x 102 H220	180	720
MODULO H6	50 x 50	0.009	120 x 102 H220	180	720
MODULO H9	58 x 58	0.010	120 x 120 H240	240	720
MODULO H13	50 x 50	0.028	102 x 102 H235	90	360
MODULO H15	50 x 50	0.030	102 x 102 H240	90	360
MODULO H17	50 x 50	0.035	102 x 102 H235	90	360
MODULO H20	50 x 50	0.037	102 x 102 H240	90	360
MODULO H25	50 x 50	0.038	102 x 102 H235	90	360
MODULO H27	50 x 50	0.040	102 x 102 H235	75	300
MODULO H30	50 x 50	0.044	102 x 102 H240	75	300
MODULO H35	50 x 50	0.052	107 x 107 H230	75	300
MODULO H40	50 x 50	0.056	107 x 107 H230	75	300
MODULO H45	71 x 71	0.064	151 x 151 H230	150	300
MODULO H50*	71 x 71	0.076	151 x 151 H230	150	300
MODULO H55*	71 x 71	0.078	151 x 151 H225	120	240
MODULO H60*	71 x 71	0.079	153 x 153 H230	120	240
MODULO H65*	71 x 71	0.084	153 x 153 H230	120	240
MODULO H70*	71 x 71	0.083	153 x 153 H240	120	240

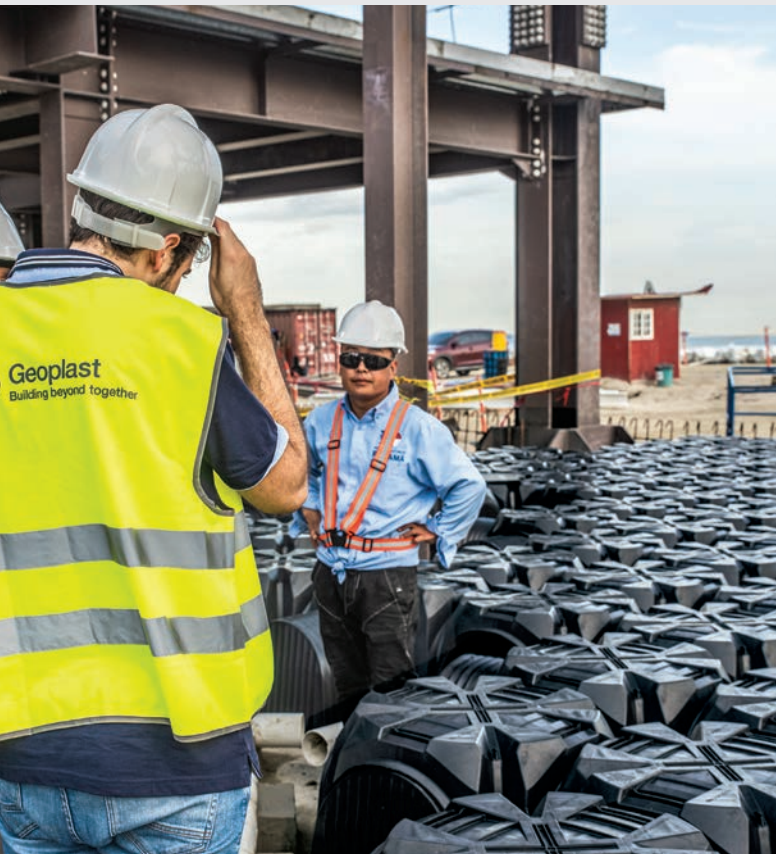
* Fast Leg



TECHNICAL SPACE FOR SYSTEMS AND VENTILATION

QUICK AND EASY INSTALLATION

HIGH PRODUCTIVITY ON SITE



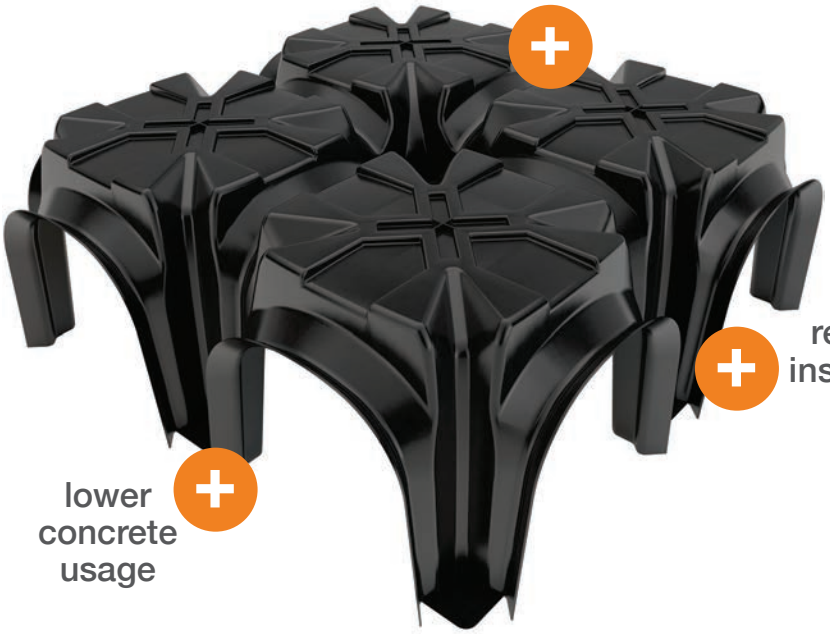
MULTIMODULO H13 - H40

PERMANENT FORMWORK FOR FILLINGS AND VENTILATED CRAWL SPACES

ACCESSORIES

GEOBLOCK

FERMAGETTO BOARD



- COLD STORAGE UNITS
- VAPOUR MITIGATION
- VENTILATED CRAWL SPACES
- HEIGHT COMPENSATION
- ENGINEERED FILLING MATERIAL

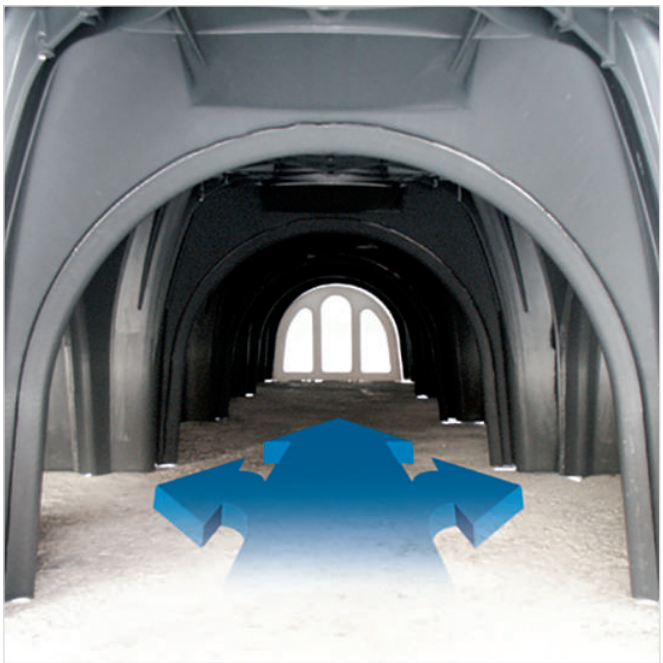
PERMANENT FORMWORK

FOR STRUCTURAL FILLINGS

AND VENTILATED CRAWL SPACES.

IT ENSURES LOWER CONCRETE USAGE

AND IT REDUCES INSTALLATION TIMES.



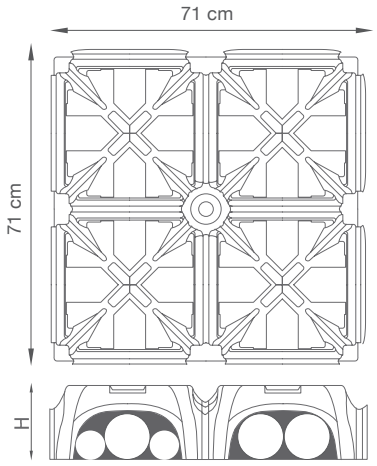
TECHNICAL SPACE FOR SYSTEMS AND VENTILATION

QUICK AND EASY INSTALLATION

HIGH PRODUCTIVITY ON SITE

MULTIMODULO H13 - H40

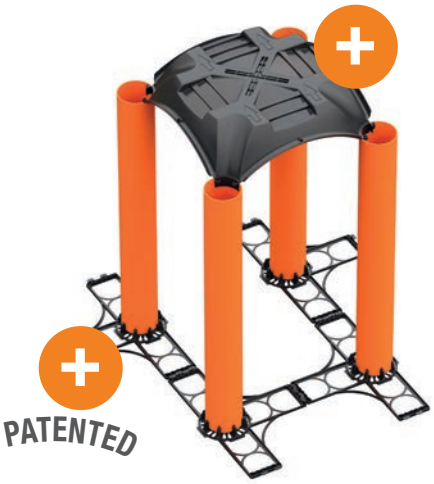
Material	Graplene (Recycled Polypropylene Compound)				
	Dimensions (cm)	Consumption of concrete (m^3/m^2)	Dimensions packaging (cm)	Packaging (m^2)	No. pieces
MULTIMODULO H13	71 x 71	0.020	151 x 151 H225	180	360
MULTIMODULO H15	71 x 71	0.027	151 x 151 H225	180	360
MULTIMODULO H17	71 x 71	0.028	151 x 151 H226	180	360
MULTIMODULO H20	71 x 71	0.032	151 x 151 H250	150	300
MULTIMODULO H25	71 x 71	0.033	151 x 151 H235	180	360
MULTIMODULO H27	71 x 71	0.035	151 x 151 H235	180	360
MULTIMODULO H30	71 x 71	0.042	151 x 151 H250	150	300
MULTIMODULO H35	71 x 71	0.045	151 x 151 H240	180	360
MULTIMODULO H40	71 x 71	0.050	151 x 151 H265	150	300



ELEVETOR SYSTEM UP TO 3M HIGH

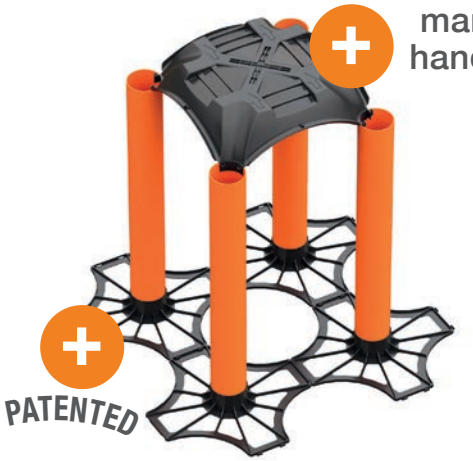
MODULAR FORMWORKS FOR STRUCTURAL FILLINGS AND HEIGHT COMPENSATIONS

material savings



NEW ELEVETOR TRIO BASE GRID

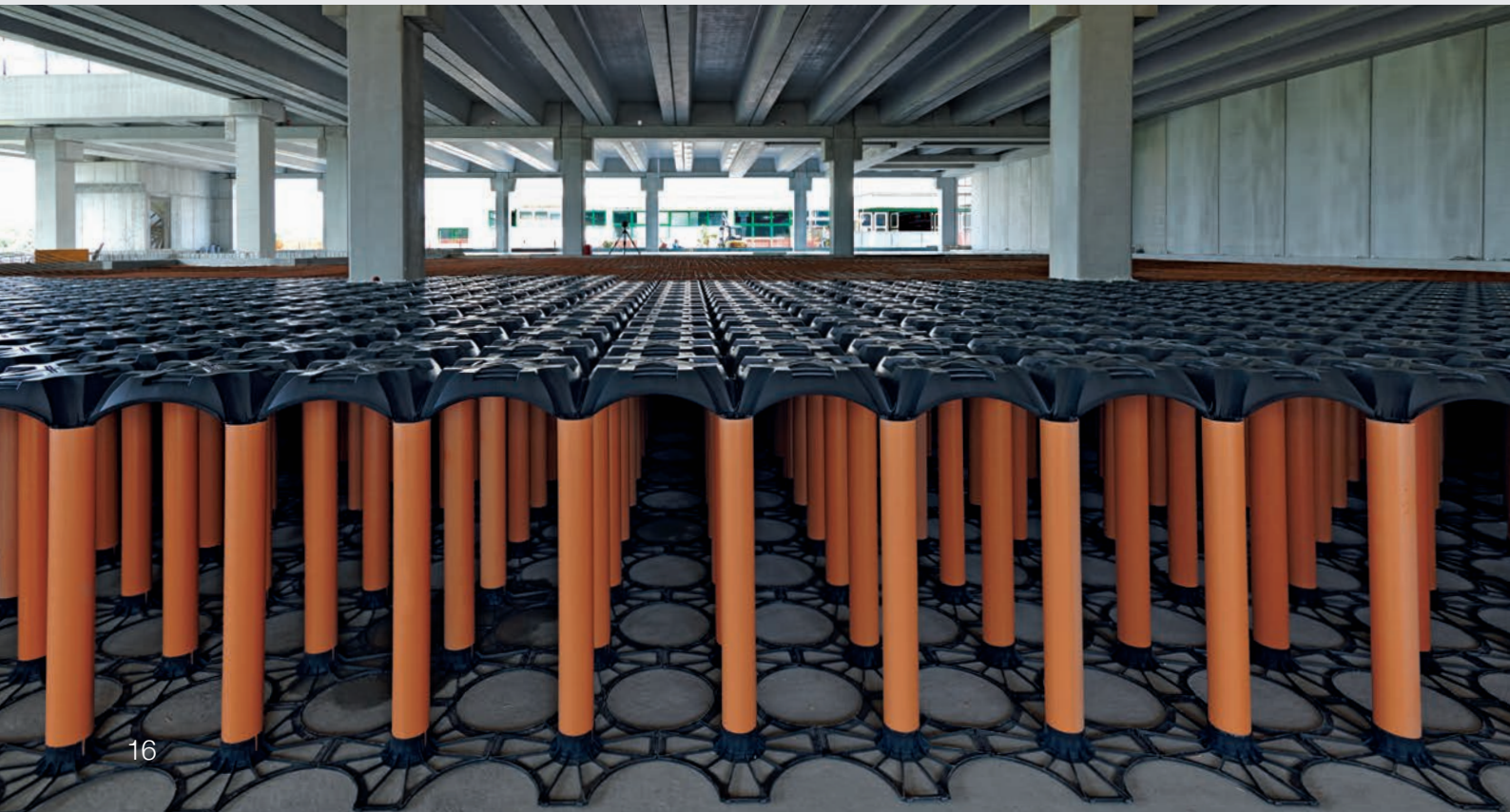
lightweight and suitable for easy manual handling



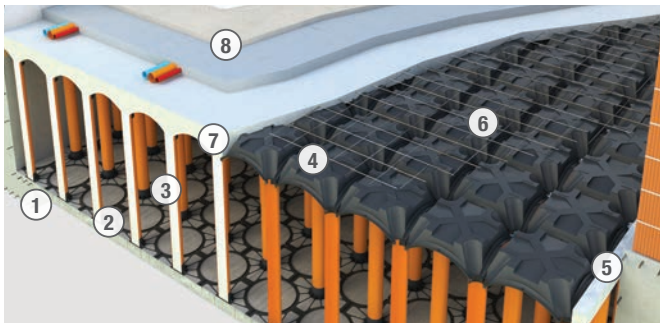
NEW ELEVETOR CUATRO BASE GRID

ELEVETOR MAX MAX BASE GRID

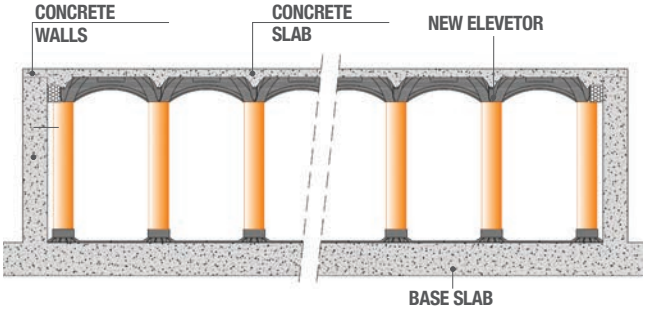
- FILLINGS
- HEIGHT COMPENSATION
- CONCRETE TANKS
- URBAN TREE MANAGEMENT
- STEPS AND RAMPS
- VENTILATED CRAWL SPACES



MODULAR FORMWORKS FOR STRUCTURAL FILLINGS AND HEIGHT COMPENSATION. IT SERVES AS AN ALTERNATIVE TO TRADITIONAL FILLING MATERIALS.



1. LEAN CONCRETE
2. NEW ELEVETOR GRID
3. NEW ELEVETOR PIPE
4. NEW ELEVETOR FORMWORKS
5. EPS STRIP
6. WELDED MESH
7. CONCRETE SLAB
8. FLOORING



CONCRETE CONSUMPTION FLUSH WITH FORMORK (m^3/m^2)

[*A* x (Height Elevetor system (m)-0,15)] +*C* m^3/m^2

Product	Centre distance	Ø Pipe mm	*A*	*C* m^3/m^2
New Elevetor	58 x 58	125	0.037	0,030
Elevetor Max	71 x 71	125	0.025	0,036
Elevetor Max	71 x 71	160	0.040	0,036
Elevetor Max	71 x 71	200	0.063	0,036

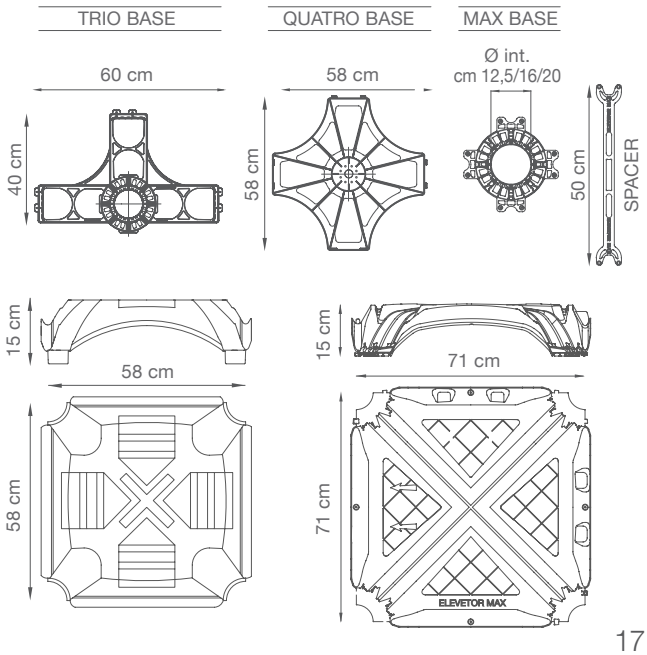
HIGH LOADING CAPACITY

SAVING OF FILLING MATERIAL

HIGH PRODUCTIVITY ON SITE

TECHNICAL DATA

	FORMWORK NEW ELEVETOR	FORMWORK ELEVETOR MAX
Dimensions (cm)	58 x 58 x H15	71 x 71 x H15
Material	Graplene (Recycled Polypropylene Compound)	
Packaging dim. (cm)	120 x 120 x H265	150 x 150 x H255
Piece weight (kg)	1,43	3,0
No. of pieces per pallet	225	560



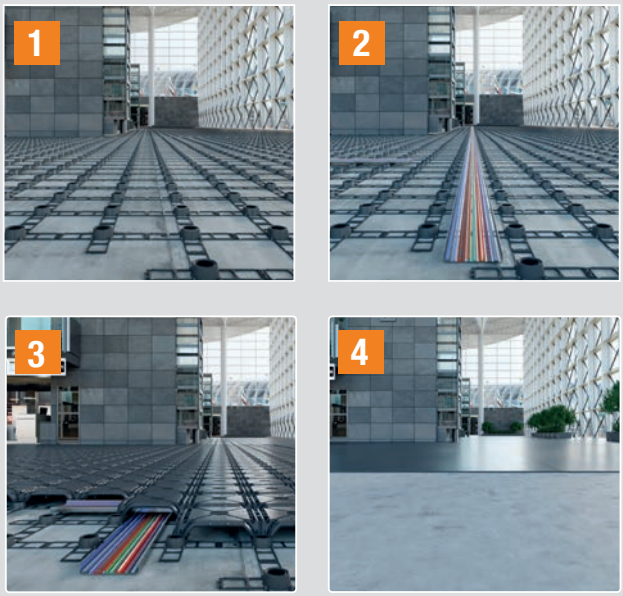
MATRIX

CONCRETE RAISED FLOORS

- WHITE ROOMS, CONTROL ROOM
- OFFICE BUILDINGS
- AIRPORT TERMINALS
- RAILWAY STATIONS
- SHOPPING CENTRES
- HOSPITALS
- CRUISE SHIP TERMINALS
- DATA CENTERS

THE MATRIX PERMANENT FORMWORK CREATES HIGH LOAD-BEARING CONCRETE RAISED FLOORS WHICH CAN HOUSE CHANNELS FOR MECHANICAL, ELECTRIC AND PLUMBING (MEP) SYSTEMS AND OTHER UTILITIES.

MONOLITHIC CONCRETE RAISED FLOOR



Matrix allows the creation of access points for inspecting MEP systems under the concrete floating floor.

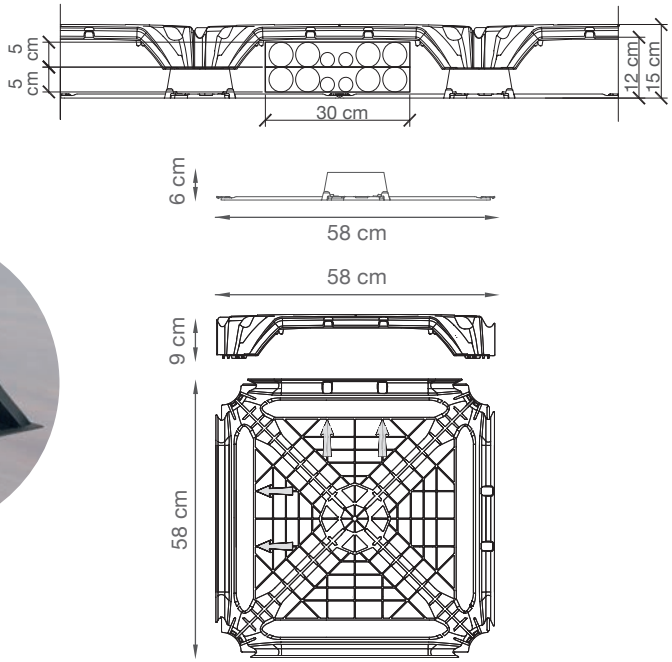
FORESEEABLE INSTALLATION TIMES

VERSATILE AND CUSTOMISABLE

SYSTEM MAPPING

TECHNICAL DATA

Dimensions (cm)	58 x 58 x H9
Material	Graplene (Recycled Polypropylene Compound)
Packaging dim. (cm)	122 x 122 x H253
Piece weight (kg)	1.62
No.of pieces per pallet	312



BIOMODULO

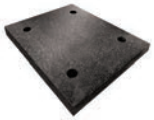
PERMANENT FORMWORK FOR THE CONSTRUCTION OF LOAD-BEARING PERFORATED RAISED SLABS

ACCESSORIES

GEOBLOCK

FERMAGETTO

CLOSING CAP

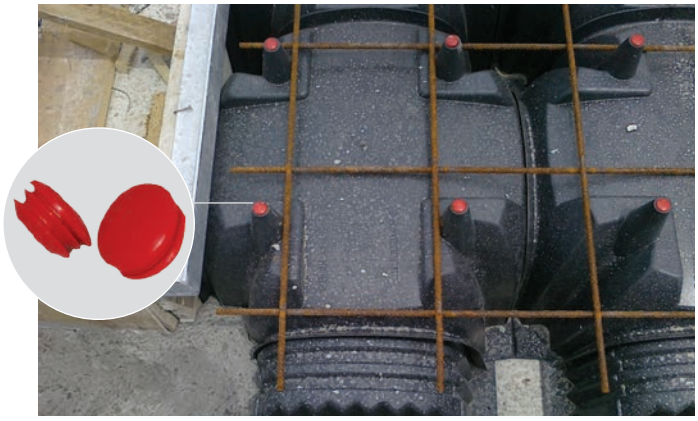


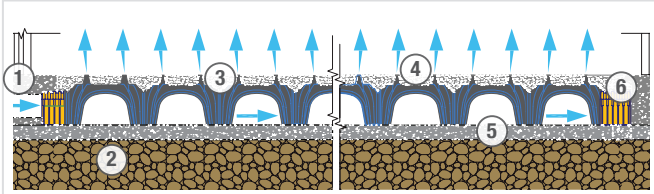
CHANNEL LID

- 2 models with nozzles for slab thickness of 6 cm and 10 cm
- nozzles for air circulation
- high load bearing capacity concrete slab

✔ BIOFILTRATION ✔ BIOSTABILISATION ✔ COMPOSTING

PERMANENT FORMWORK FOR THE CREATION OF PERFORATED RAISED SLABS FOR BIOFILTERS AND COMPOSTING PLANTS.





1	AIR INLET PIPE	4	RAISED SLAB
2	GRAVEL	5	LEAN CONCRETE
3	BIOMODULO	6	GEOBLOCK

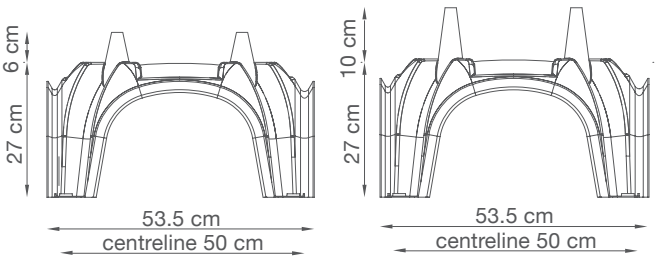
HOMOGENEOUS VENTILATION

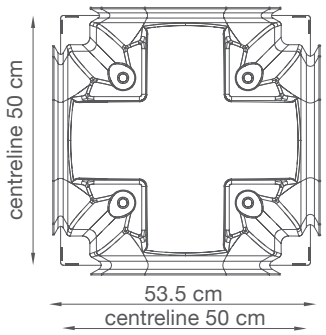
QUICK AND EASY INSTALLATION

HIGH RESISTANCE

TECHNICAL DATA

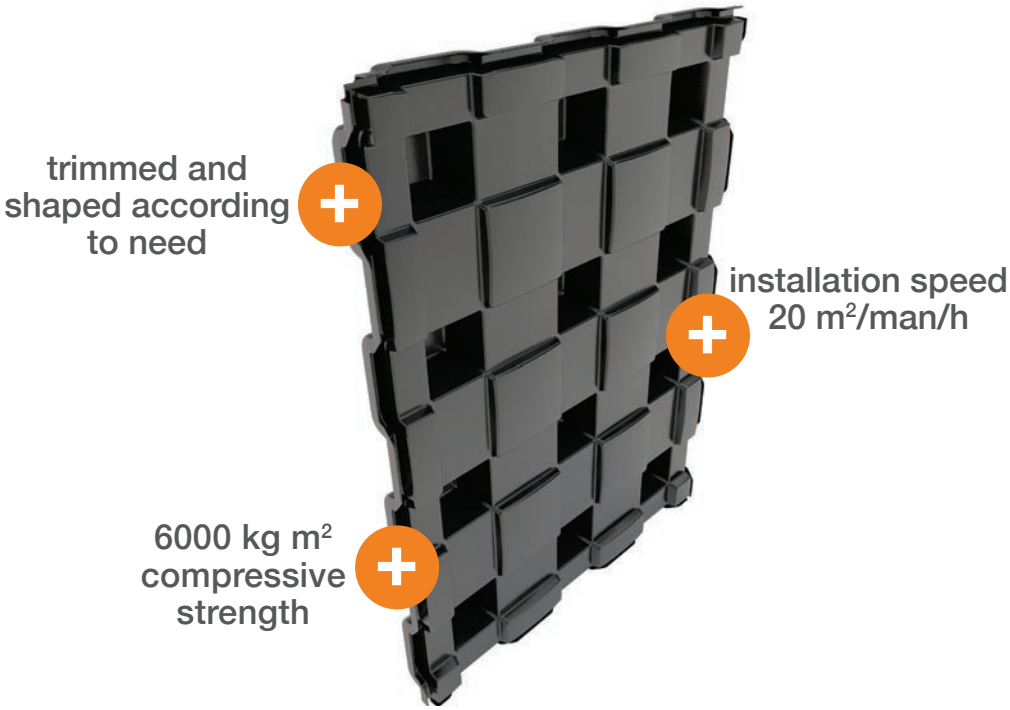
	BIOMODULO H6	BIOMODULO H10
Dimensions (cm)	50 x 50 x H27	50 x 50 x H27
Material	Graplene (Recycled Polypropylene Compound)	
Packaging dim. (cm)	103 x 103 x H245	103 x 103 x H255
Piece weight (kg)	1.28	1.31
No.of pieces per pallet	300	300
Concrete consumption flush with the nozzles (m^3/m^2)	0.10	0.14





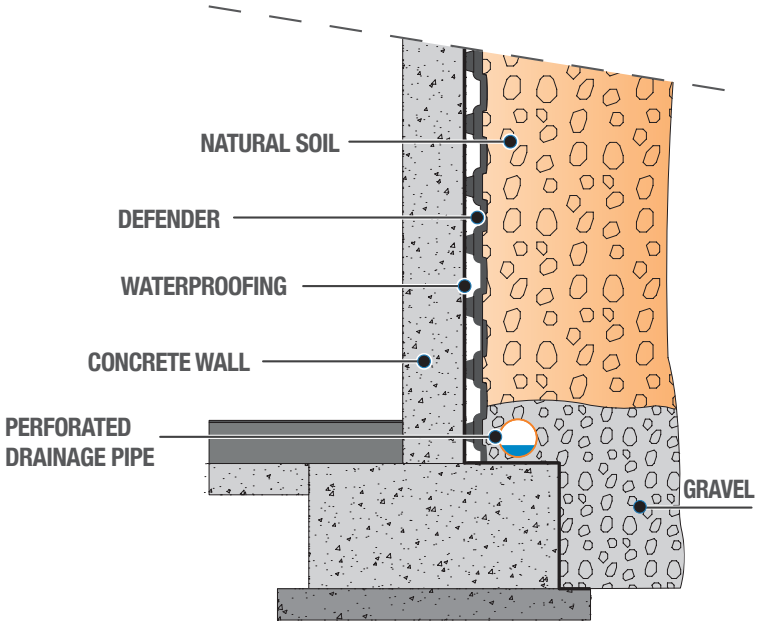
DEFENDER

MODULAR PANEL FOR THE PROTECTION OF WALLS



✔ **BASEMENT AND RETAINING WALL PROTECTION**

THE DEFENDER PANEL IS A PROTECTION BARRIER FOR BASEMENT AND RETAINING WALLS WHICH CREATES A VENTILATED AND DRAINED CAVITY BETWEEN THE BACKFILL OIL AND THE WATERPROOFING.



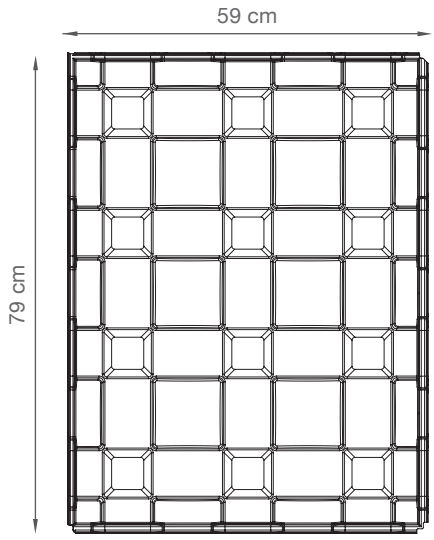
COMPLETE VENTILATION

EXCELLENT WATER PROOFING

HIGH RESISTANCE

TECHNICAL DATA

Dimensions (cm)	79 x 59 x H7
Material	Graplene (Recycled Polypropylene Compound)
Packaging dim. (cm)	80 x 120 x H233
Piece weight (kg)	1.63
No.of pieces per pallet	200



REFERENCES

MODULO - PANAMA CRUISE SHIP TERMINAL, PANAMA

The new Panama cruise ship terminal, located at the mouth of the Canal on the Pacific side, covers an area of approximately 12,000 m^2, of which 8,500 are dedicated to the departure and arrival terminal. Since a significant part of the pedestrian area had to be elevated by 0.5 m, Modulo proved to be the best solution in terms of cost and speed of execution.

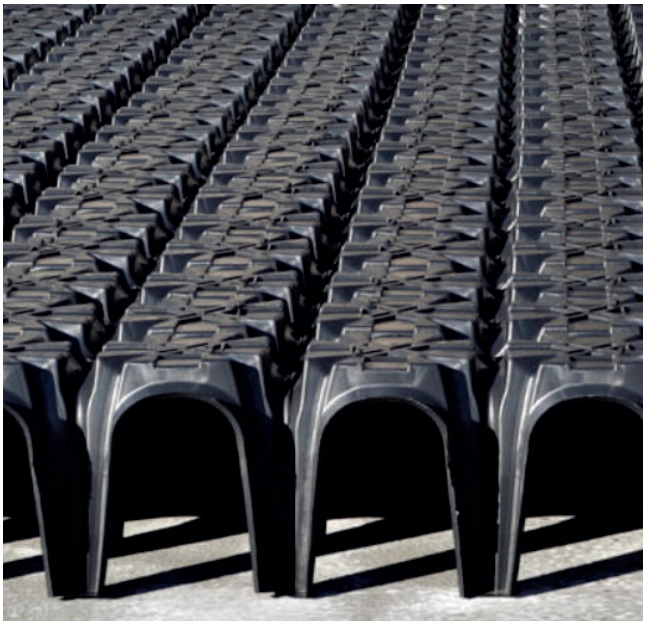
NEW ELEVETOR - EXPO 2020 DUBAI THEME DISTRICT, DUBAI

Geoplast was involved in the construction of the facilities for Expo 2020 Dubai, one of the world's largest construction projects of 2019. Thanks to our solutions, all the auxiliary systems (irrigation, water drainage, lighting, etc.) were housed in the cavity created between the foundation slab and the floor surface.

REFERENCES

MULTIMODULO - PACIFIC CENTER, PANAMA

The Pacific Center in Panama is a multifunctional complex which consists of three towers with a total area of more than 200,000 m^2 and is located just a few hundred metres from the Pacific Ocean. Multimodulo was used to create a drainage system between the ground and the foundation slab, allowing water to be collected and conveyed into special sumps and channels.



MODULO - SHERATON GRAND SAMSUN HOTEL, TURKEY

The Sheraton Grand Samsun Hotel in Samsun, Turkey was built using Modulo in both the foundations and slabs. In this way the weight was removed from the structure ensuring a better seismic response, while a protection against ground radon gas and moisture was inbuilt by creating a ventilated crawl space.

REFERENCES

DEFENDER - LIBESKIND RESIDENCES, MILAN, ITALY

Defender was used for the construction of Libeskind's unique residences in Milan, with the aim of creating a protective barrier against the retaining of the earth and underground walls. Thanks to its high compressive and impact strength, Defender ensured the integrity of the waterproofing membrane during backfilling, and it still contributes to its longevity by keeping it well drained.

NEW ELEVETOR, COLD STORAGE WAREHOUSE IN TEOLO, PADUA, ITALY

The combination of low-strength soil and high loads made New Elevetor H125 the best choice for this site, and of course it provides an efficient frost-heave protection to the cold-storage facility. It was installed quickly and without the use of heavy lifting equipment.

REFERENCES

NEW ELEVETOR - H-FARM CAMPUS, TREVISO, ITALY

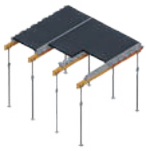
Designed and built according to the principles of energy self-sufficiency and minimum impact on the environment, H-Farm is the largest technological hub for innovation in Europe. New elevator in this case was used for the infills in the foundations.

MODULO - MOROCCO MALL SHOPPING CENTRE, CASABLANCA, MOROCCO

With a surface of 90,000 mq, the Morocco Mall is the largest shopping centre in North Africa. Modulo H45 was used to create level compensation between pile-caps.

GEOPANEL
Formwork system for walls.

GEOTUB PANEL
Square and rectangular formwork.



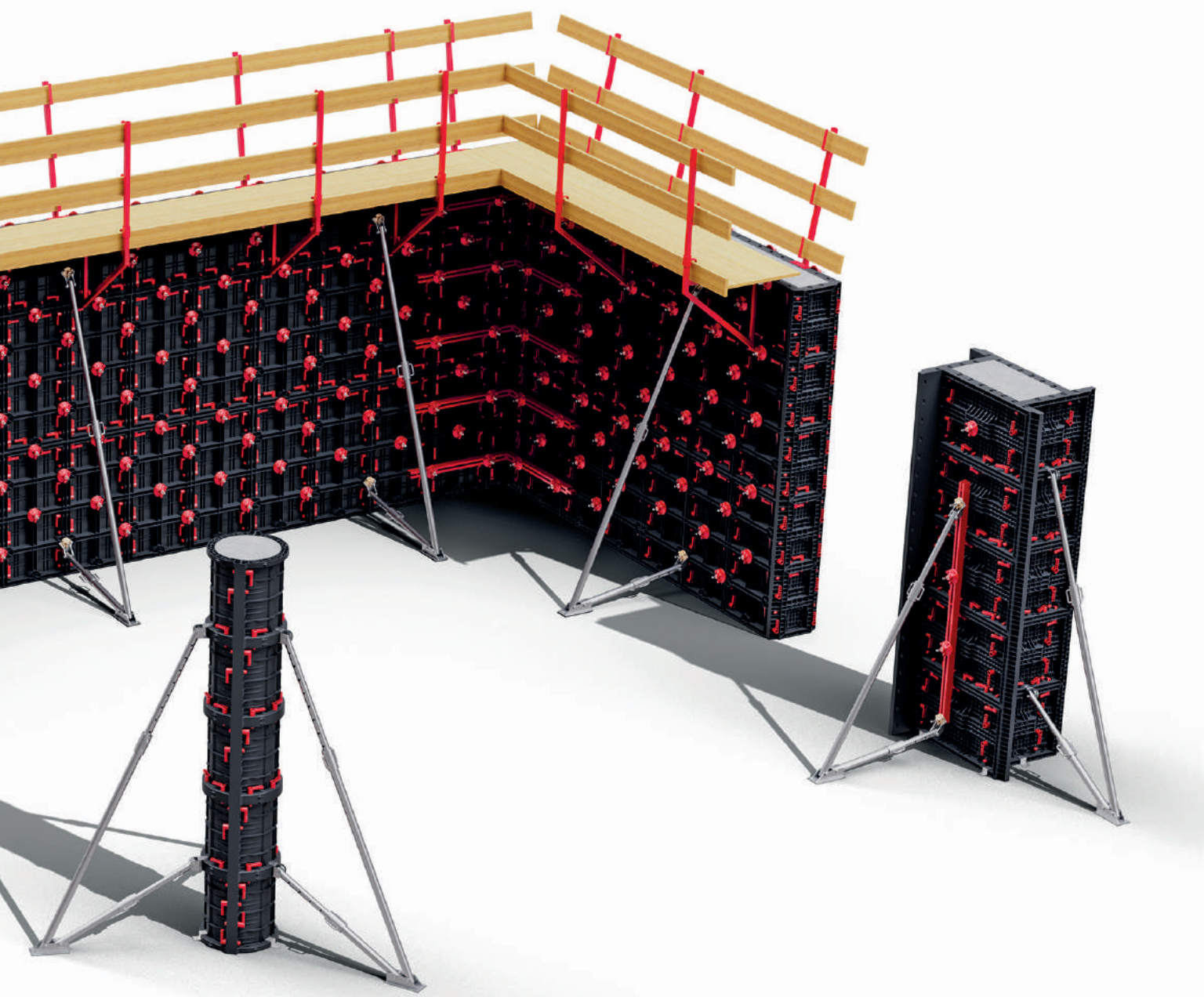
GEOSKY
Flat slab formwork.

GEOTUB
Circular column formwork.

GEOPANEL STAR
Adjustable square and rectangular formwork.

FORMWORKS

The Geoplast universal formwork system has been designed for ease of use.
Easy to assemble and handle, it increases productivity, improves the working conditions and reduces the impact on the environment. After cleaning, all panels are reusable for further castings.



GEOPANEL

FORMWORK SYSTEM FOR WALLS

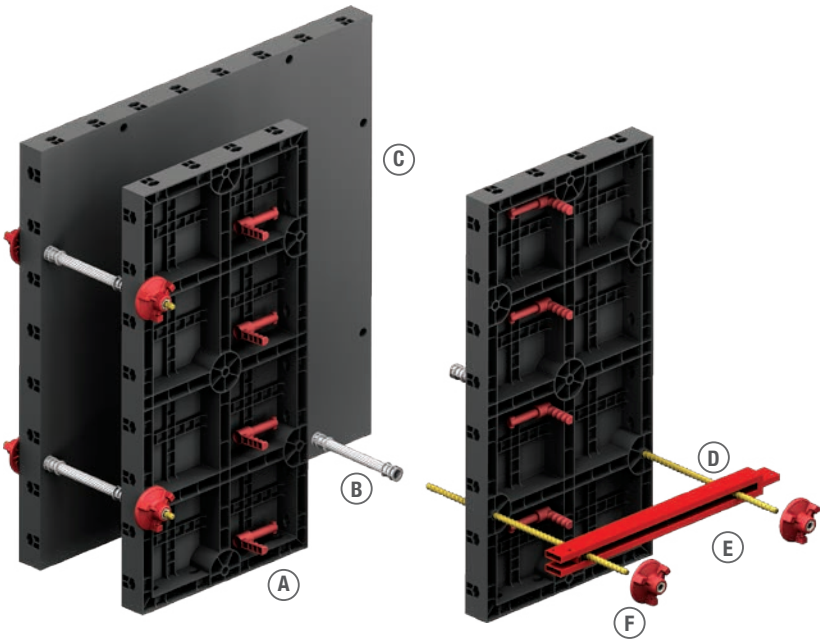
panel weight
11 kg (15 kg/m²)

fresh concrete
pressure 60 kN/m²

universal
locking system

- WALLS, SHEAR WALLS
- ELEVATOR SHAFTS
- FOUNDATIONS
- BRIDGE REPAIR
- LINTELS AND CAPPING BEAMS
- RENOVATIONS
- RING BEAMS
- TANKS AND IRRIGATION STRUCTURES
- PITS AND MANHOLES
- SWIMMING POOLS

UNIVERSAL FORMWORK MADE OF TECHNOPOLYMER FOR FAST AND EFFICIENT SHUTTERING WITHOUT THE USE OF CRANES. IT IS USED TO FORM WALLS, RING BEAMS, STAIRWELL, ELEVATOR SHAFTS, ENCASING WALLS AND FOUNDATIONS.



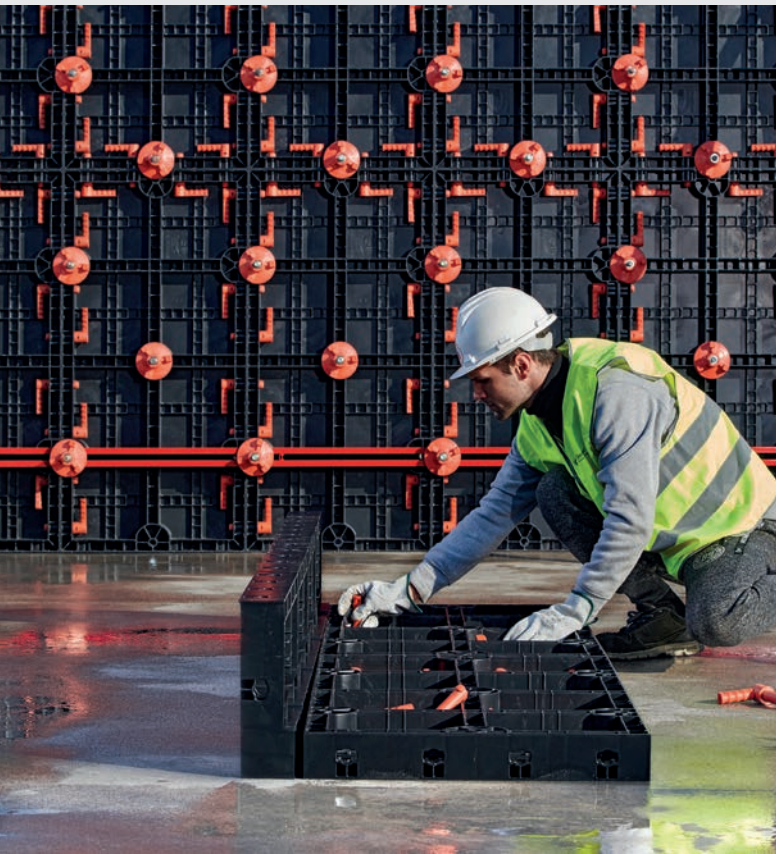
- (A) HANDLE
- (B) SPACER
- (C) GEOPANEL 120X60
- (D) TIE ROD
- (E) ALIGNMENT BAR
- (F) ANCHOR NUT

11 Kg max

LIGHTWEIGHT

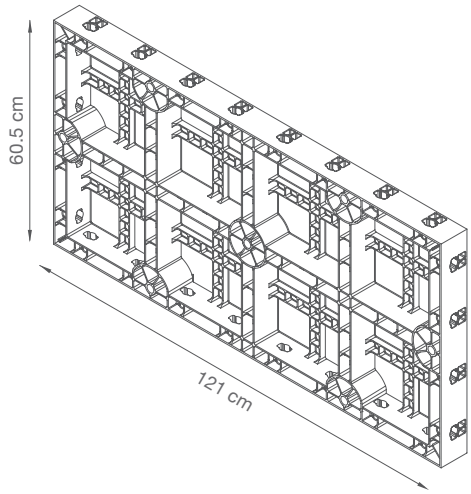
EASY TO HANDLE

STRENGTH



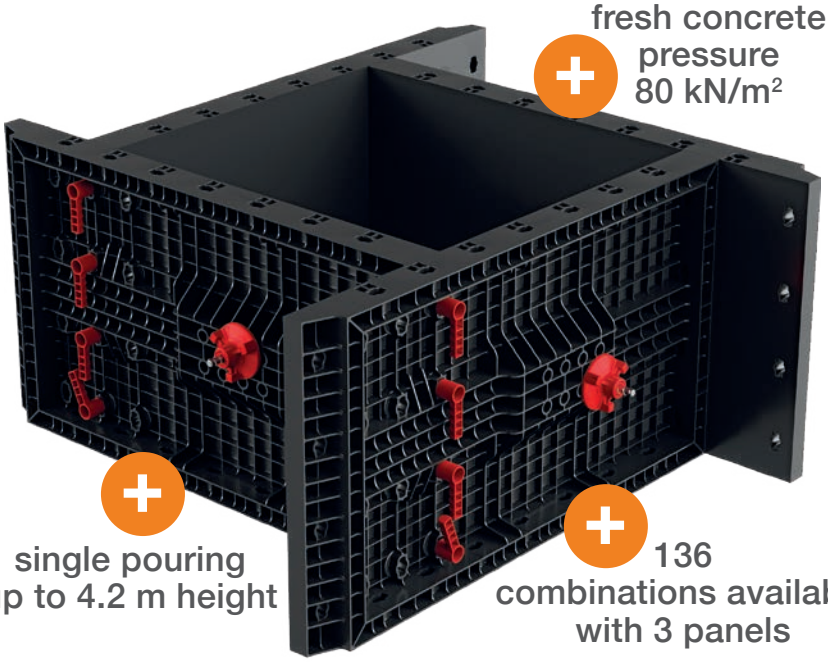
AVAILABLE SIZES - Standard panels

Material	Gratene (Recycled ABS Compound)		
Elements	Nominal dimensions (m)	Elements	Nominal dimensions (m)
GEOPANEL 120X60	1.20 x 0.60	GEOPANEL 5X60	0.05 x 0.60
GEOPANEL 40X60	0.40 x 0.60	GEOPANEL 4X60	0.04 x 0.60
GEOPANEL 35X60	0.35 x 0.60	GEOPANEL 3X60	0.03 x 0.60
GEOPANEL 30X60	0.30 x 0.60	GEOPANEL CL 20-25-30	0.46 x 0.60
GEOPANEL 25X60	0.25 x 0.60	GEOPANEL CL 35-40-45	0.61 x 0.60
GEOPANEL 20X60	0.20 x 0.60	GEOPANEL TWIN ANGLE	0.30 x 0.30 x 0.10
GEOPANEL 15X60	0.15 x 0.60	GEOPANEL INT. ANGLE	0.30 x 0.10 x 0.60
GEOPANEL WP	0.10 x 0.60	GEOPANEL EXT. ANGLE	0.25 x 0.60



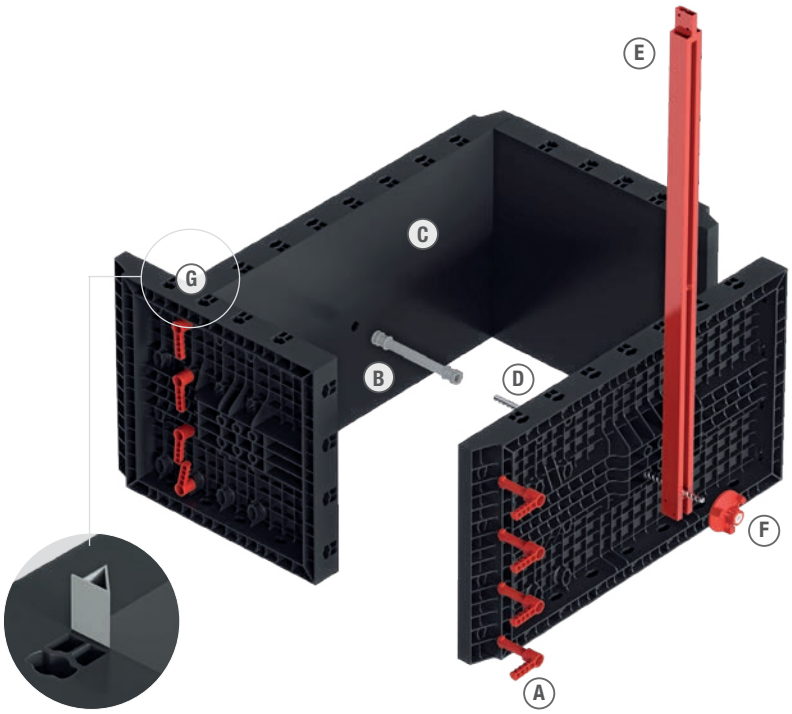
GEOPANEL STAR

ADJUSTABLE FORMWORK FOR COLUMNS



- SQUARE AND RECTANGULAR COLUMNS
- FOOTINGS AND PILE CAPS
- GEOPANEL INTEGRATION
- LARGE COLUMNS
- DAMAGED COLUMN REPAIR
- COLUMN ENCASING

GEOPANEL STAR IS AN ADJUSTABLE FORMWORK SYSTEM FOR SQUARE AND RECTANGULAR COLUMNS.



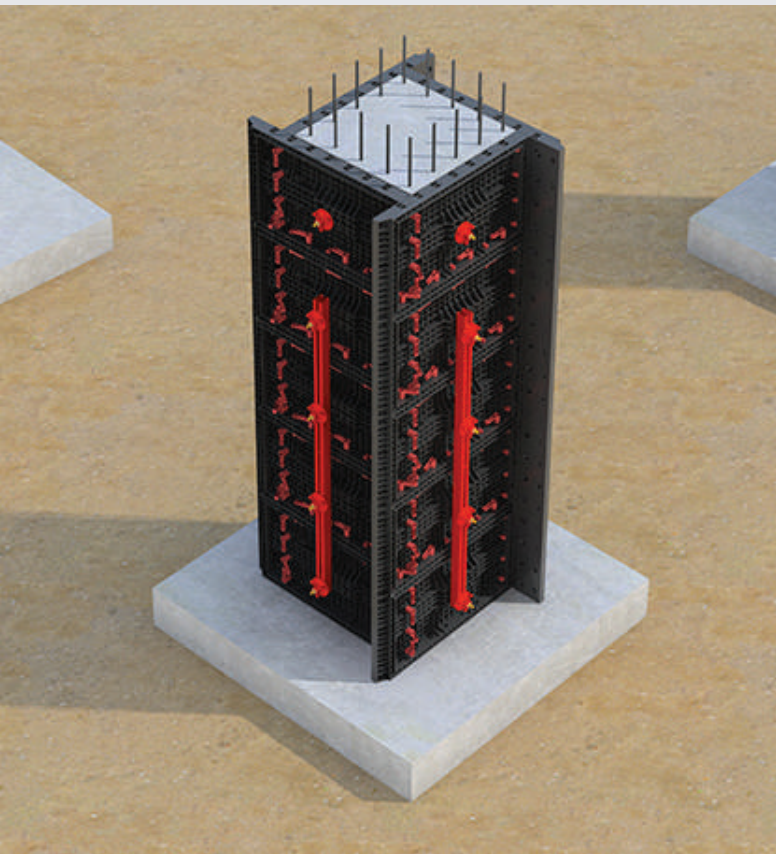
- (A) HANDLE
- (B) SPACER
- (C) GEOPANEL STAR
- (D) TIE
- (E) ALIGNMENT BAR
- (F) ANCHOR NUT
- (G) CHAMFER (OPTIONAL)

11 Kg max

LIGHT

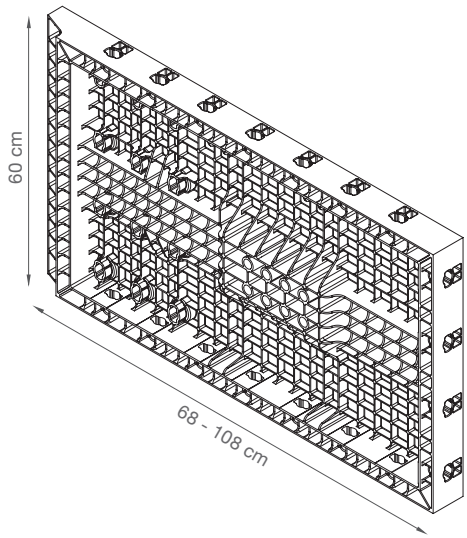
INTUITIVE

STRONG



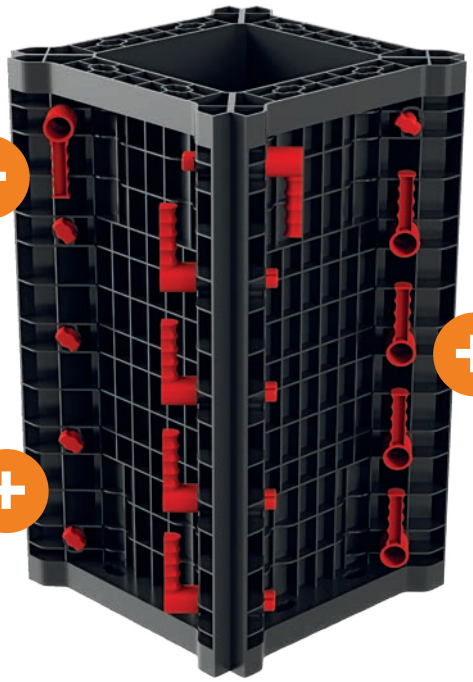
AVAILABLE DIMENSIONS - Standard panels

Material	Gratene (Recycled ABS Compound)	
Elements	Nominal dimensions (cm)	Dimensions (cm)
GEOPANEL STAR 20-60	68 x 60.5 x 8	20 / 30 / 40 / 50 / 60
GEOPANEL STAR 25-65	73 x 60.5 x 8	25 / 35 / 45 / 55 / 65
GEOPANEL STAR 70-100	108 x 60.5 x 8	70 / 80 / 90 / 100



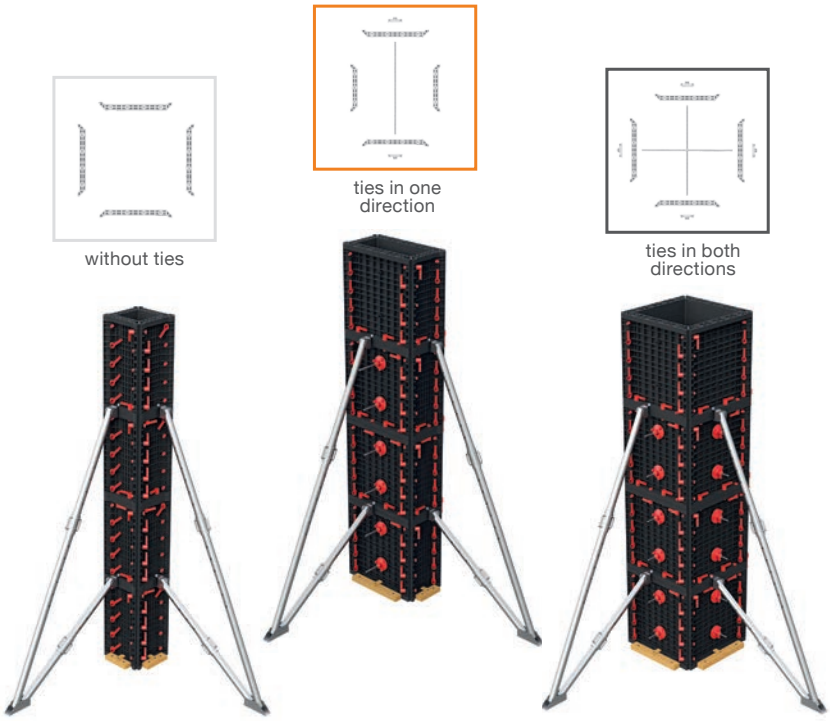
GEOTUB PANEL

FORMWORK FOR SQUARES AND RECTANGULAR COLUMNS



CASTING OF COLUMNS IN SERIES

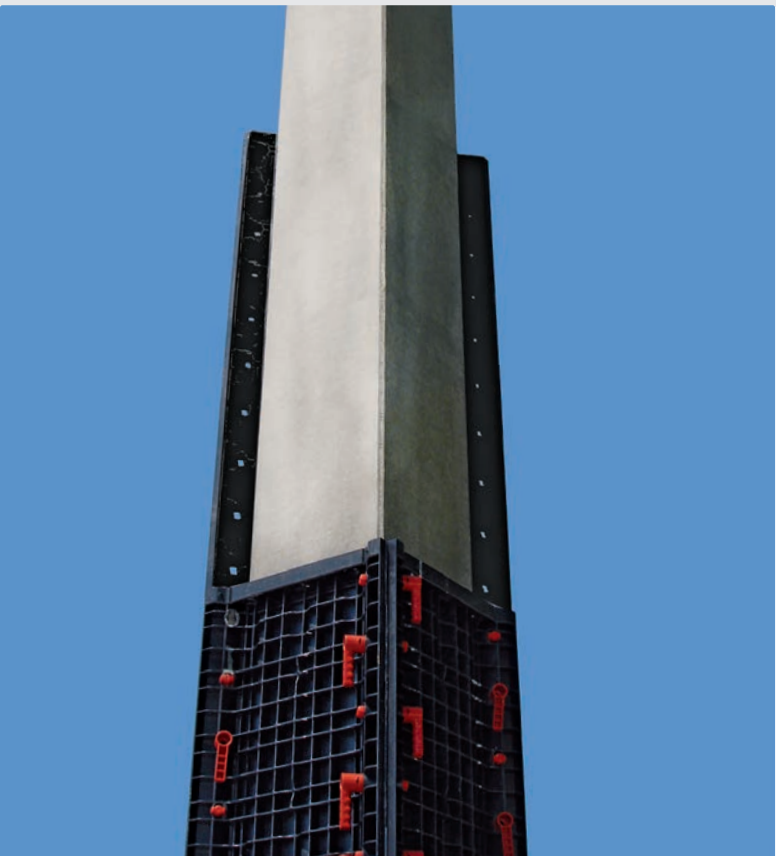
GEOTUB PANEL IS A FORMWORK MADE OF TECHNOPOLYMER FOR SQUARE AND RECTANGULAR COLUMNS. EXTREMELY EASY AND INTUITIVE TO USE.



MODULAR

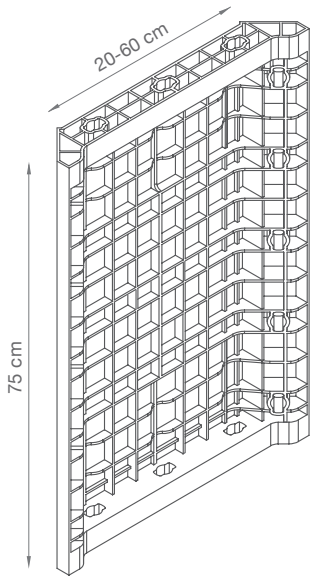
PRACTICAL

QUICK



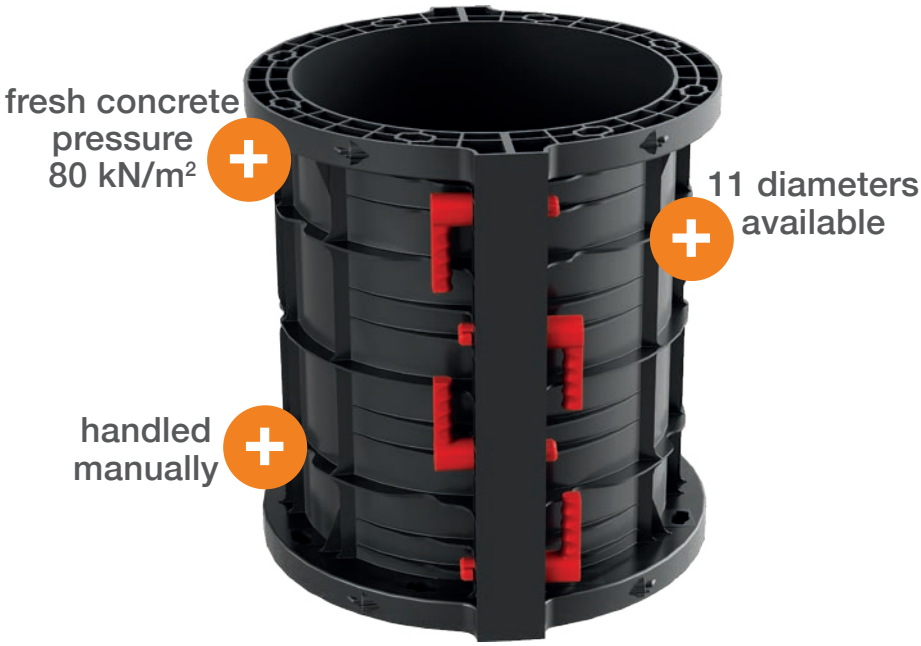
AVAILABLE DIMENSIONS - Standard panels

Material	Gratene (Recycled ABS Compound)		
Elements	Nominal dimensions (cm)	Elements	Nominal dimensions (cm)
GEOTUB PANEL 20	20 x H75	GEOTUB PANEL 40	40 x H75
GEOTUB PANEL 23	23 x H75	GEOTUB PANEL 45	45 x H75
GEOTUB PANEL 25	25 x H75	GEOTUB PANEL 50	50 x H75
GEOTUB PANEL 30	30 x H75	GEOTUB PANEL 55	55 x H75
GEOTUB PANEL 35	35 x H75	GEOTUB PANEL 60	60 x H75

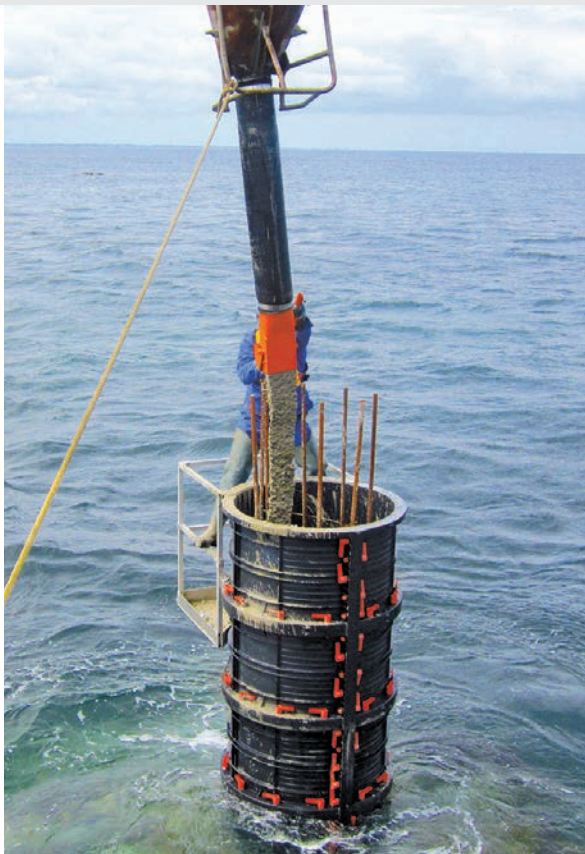


GEOTUB

CIRCULAR PLASTIC FORMWORK FOR ROUND AND OVAL COLUMNS



- BRIDGE PILLARS
- COLUMN ENLARGMENT
- ROUND COLUMNS
- ELECTRIC PYLON FOUNDATIONS
- ELLIPTIC COLUMNS
- DAMAGED COLUMN REPAIR



GEOTUB IS THE FIRST TECHNOPOLYMER FORMWORK FOR THE CONSTRUCTION OF CIRCULAR COLUMNS.

REUSABLE MORE THAN 100 TIMES.

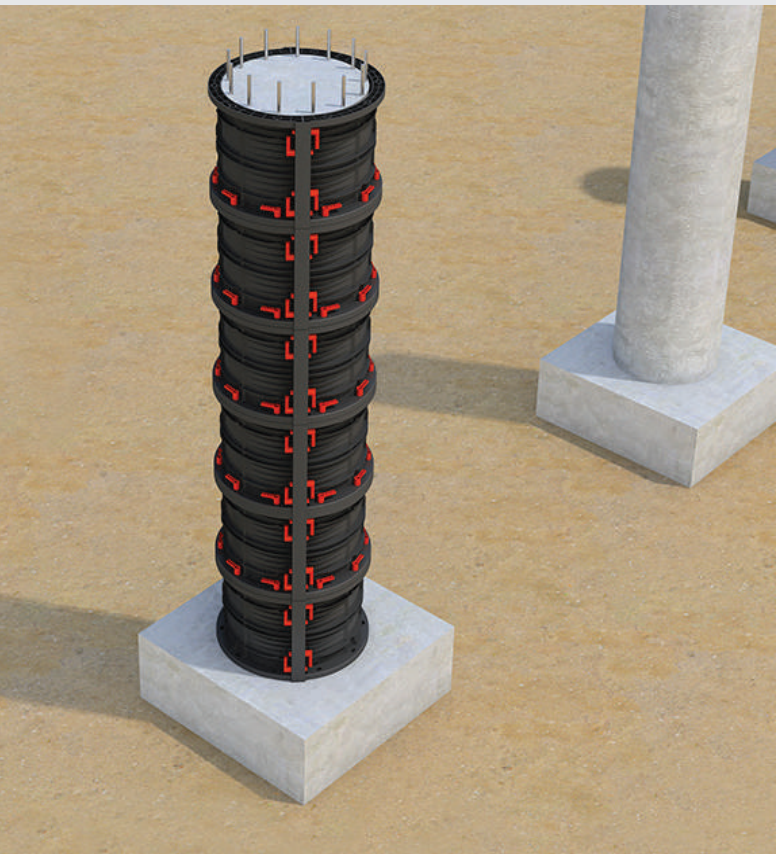
IT IS AVAILABLE IN A WIDE RANGE OF DIAMETERS AND IS SUITABLE FOR ALL TYPES OF CONSTRUCTION SITE.

11 Kg max

LIGHTWEIGHT

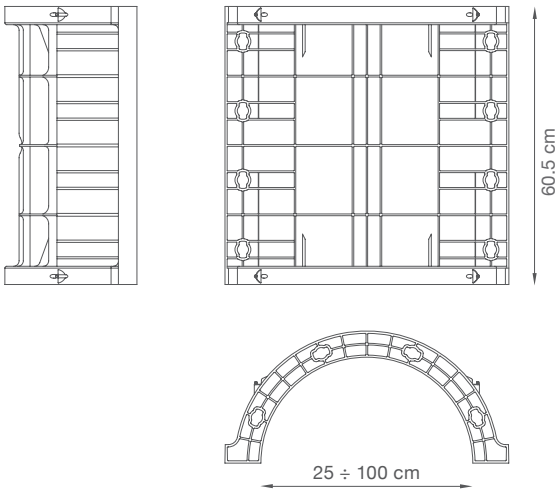
SIMPLE TO USE

STRENGHT



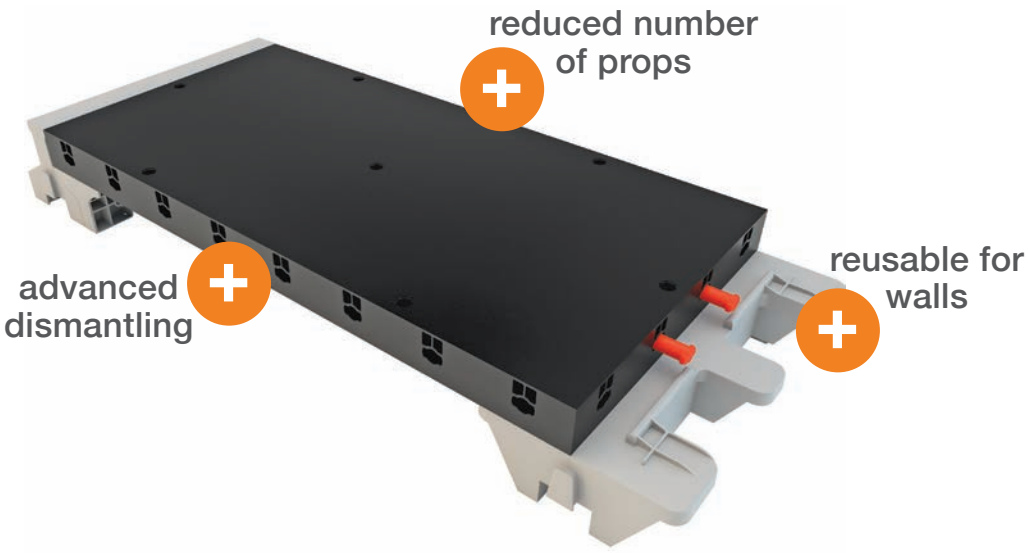
AVAILABLE DIMENSIONS - Standard panels

Material	Gratene (Recycled ABS Compound)		
Elements	Nominal dimensions (cm)	Elements	Nominal dimensions (cm)
GEOTUB Ø 25	Ø25 x H60.5	**GEOTUB Ø 60**	Ø60 x H60.5
GEOTUB Ø 30	Ø30 x H60.5	**GEOTUB Ø 70**	Ø70 x H60.5
GEOTUB Ø 35	Ø35 x H60.5	**GEOTUB Ø 80**	Ø80 x H60.5
GEOTUB Ø 40	Ø40 x H60.5	**GEOTUB Ø 90**	Ø90 x H60.5
GEOTUB Ø 45	Ø45 x H60.5	**GEOTUB Ø 100**	Ø100 x H60.5
GEOTUB Ø 50	Ø50 x H60.5		

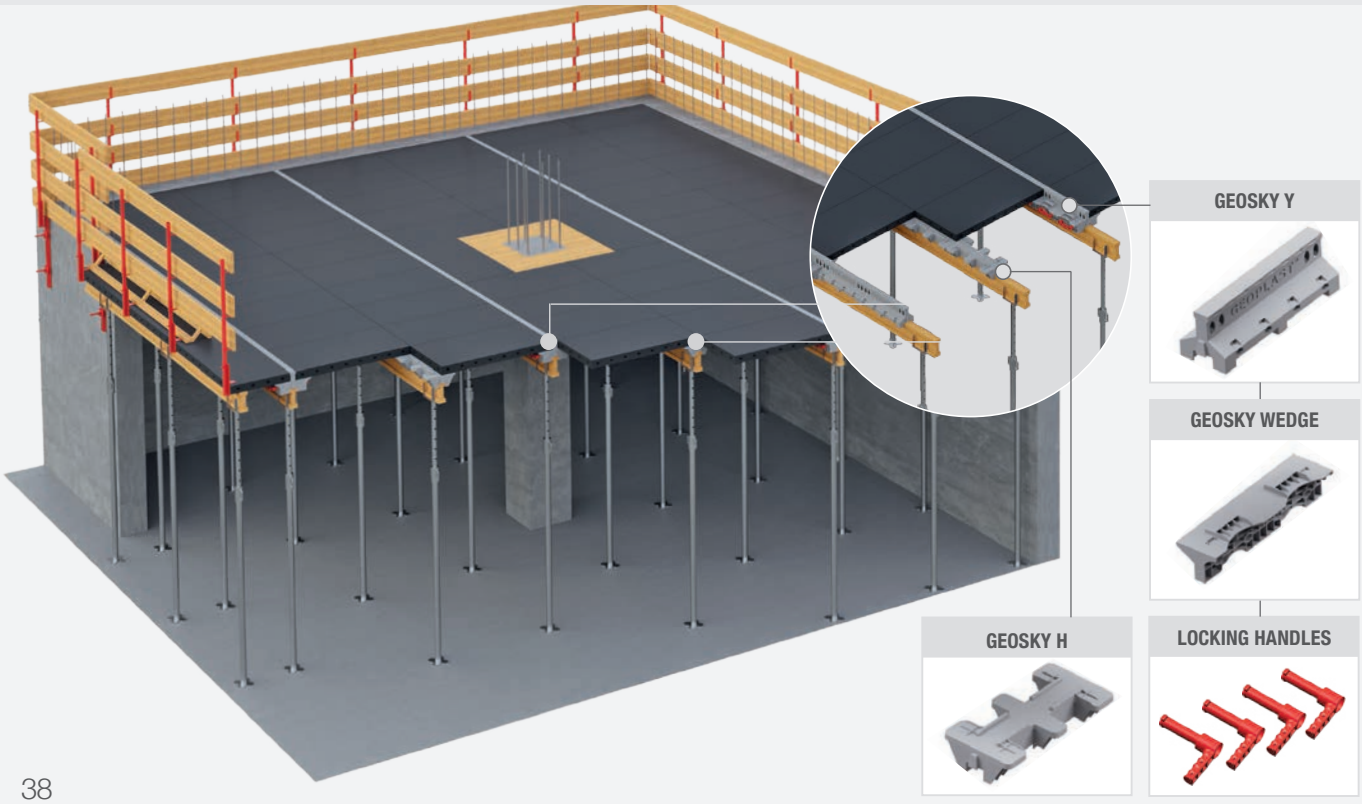


GEOSKY

REUSABLE FORMWORK IN ABS FOR SLABS

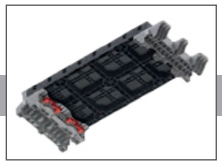


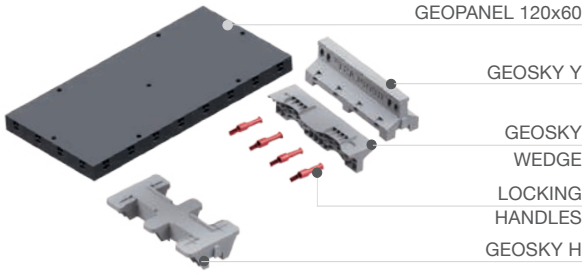
FORMWORK FOR FLAT SLABS



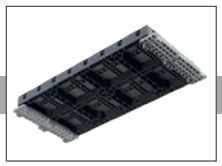
FORMWORK FOR SLABS MADE OF RECYCLED TECHNOPOLYMER. IT REDUCES THE CONSTRUCTION TIMES OF SLABS SIGNIFICANTLY. THE SYSTEM IS MODULAR, SAFE AND EASY TO INSTALL AND CLEAN.

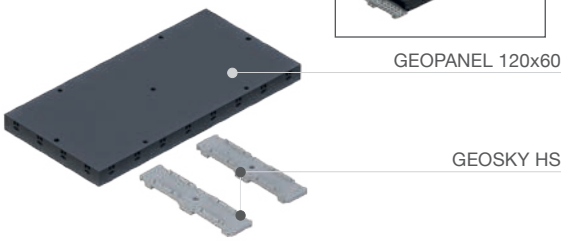
GEOSKY H+Y (QUICK DISMANTLING)





GEOSKY HS (STANDARD DISMANTLING)





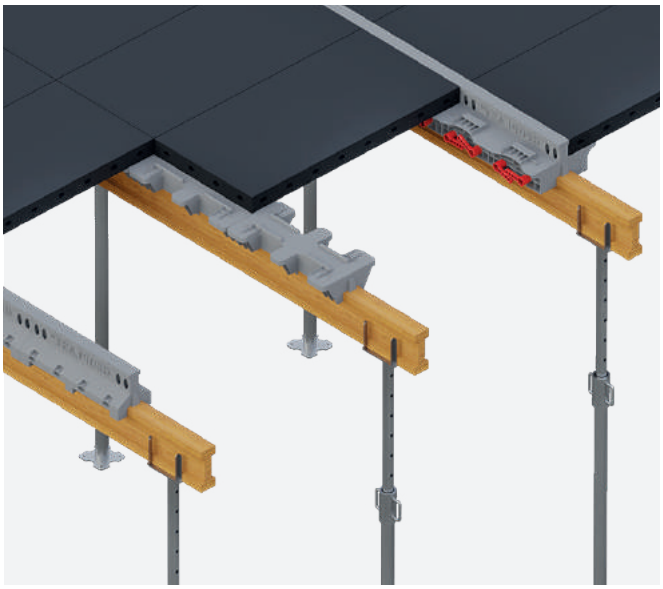
LIGHTWEIGHT AND MANAGEABLE (11 Kg max)

SAFE

QUICK DISMANTLING

SYSTEM'S COMPONENTS

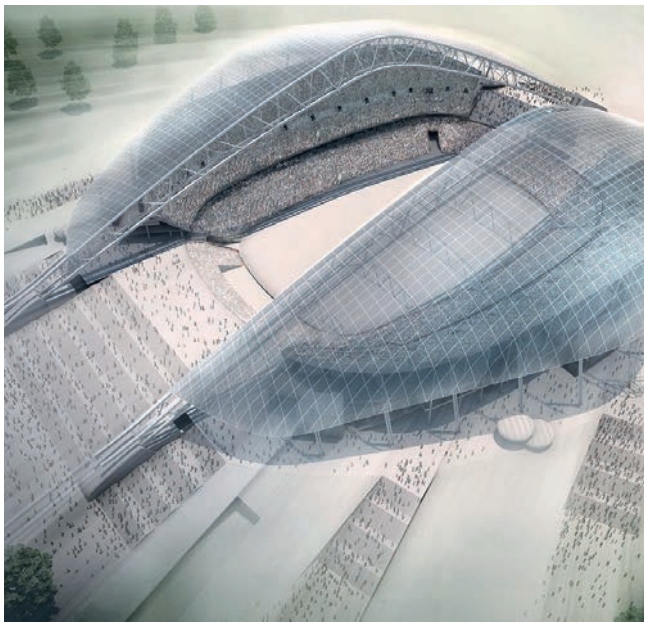
Material	Gratene (Recycled ABS Compound)	
Elements of the system	Nominal dimensions (cm)	Nominal dimensions (cm)
GEOSKY Y BEAM	19.1 x 60.5 x H20	120 x 60
GEOSKY H BEAM	31 x 60.5 x H12.1	15 x 60 20 x 60
GEOSKY HS BEAM	13 x 60.5 x H5.8	25 x 60
GEOSKY WEDGE	16 x 60.5 x H11.8	30 x 60 35 x 60
TWIN ANGLE	30.3 x 30.3 x H10	40 x 60



REFERENCES

GEOTUB - FISHT OLYMPIC STADIUM, SOCHI, RUSSIA

Fisht Olympic Stadium is located in Sochi Olympic Park. The stadium, which has a capacity of 40,000 people, was constructed for the 2014 Winter Olympic games. It served as the venue for their opening and closing ceremonies. Geoplast Geotub, the reusable plastic formwork for round and elliptic columns, was used during construction reducing crane time considerably.



GEOPANEL STAR - MULTI-STOREY PARKING, MILAN, ITALY

To build the structure of this underground parking lot in Abbiategrasso, Milan, a significant quantity of columns had to be produced. The use of Geopanel Star made it possible to speed up the pouring phases thanks to its ease of handling, speed of installation and dismantling and to the possibility to obtain different size of columns with the same elements.

REFERENCES

GEOPANEL - PALAZZO CANOVA, PADUA, ITALY

Geopanel made it possible to build the concrete structure of this prestigious building quickly. For this project, high standards in terms of aesthetics and quality of materials had been set during the planning phase.

GEOTUB - ONE AIRPORT SQUARE, ACCRA, GHANA

The iconic One Airport Square office building has become a landmark of the Airport District in Accra, Ghana. The closeness to the busy airport area did not allow more than one crane on site, making Geotub 80 cm the perfect choice for this project.

REFERENCES

GEOPANEL - IRRIGATION WORKS IN BERRIGAN, AUSTRALIA

Geopanel was used to build two U-shaped walls with channel returns and wing walls to suit the gates of the irrigation channel. Using Geopanel form-work meant that the entire structure could be formed and poured in under 5 days.

GEOUTUB - RED COW MOTORWAY JUNCTION, DUBLIN, IRELAND

Thanks to the use of Geotub 60 it was possible to avoid the movement of cranes that would have forced the temporary closure of the lanes to traffic during installation of the system. Each new bridge is supported by 12 round columns of 60 cm diameter.

REFERENZE

GEOPANEL STAR - NAD AL SHEBA 3 VILLAS, DUBAI

Geopanel Star was chosen for the construction of the columns: ease of movement and resistance to high temperatures were the fundamental elements in the choice of the formwork.

GEOPANEL - MANUKAU CITY SHOPPING, AUCKLAND, NEW ZELAND

Originally built in 1976, this shopping centre was recently expanded to include 40 new shops and an outdoor recreation area, which also serves as a restaurant.
The concrete structures were made with Geopanel.

NEW NAUTILUS

System for the lightening of bidirectional slabs with flat intrados.

SKYRAIL

Reusable technopolymer formwork for lightened monodirectional slabs.

NEW NAUTILUS EVO

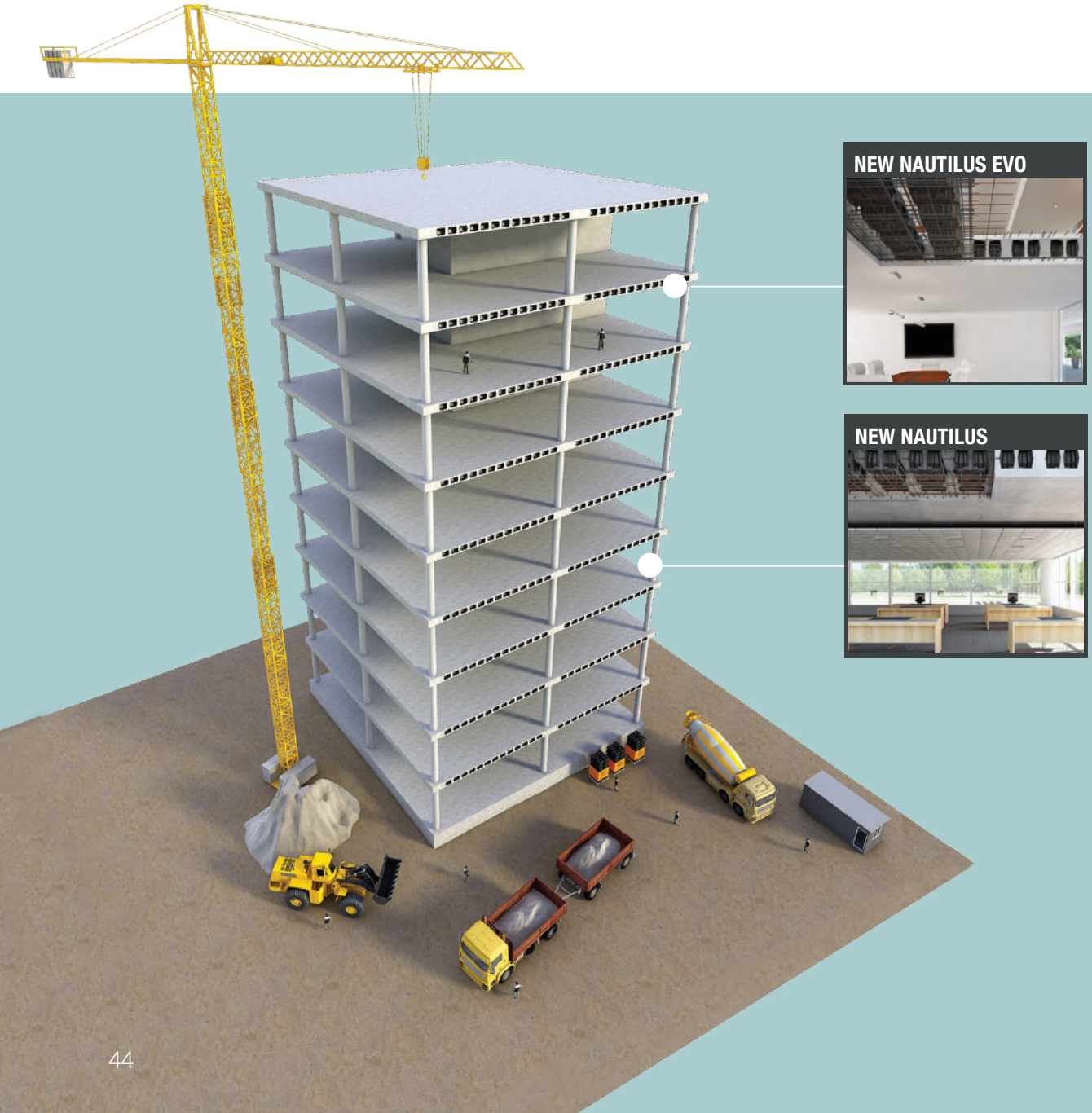
System for lightening of two-way slabs with flat intrados.

AIRPLAST

Mono-directional or monodirectional to be used for both solutions.

SKYDOME

Reusable technopolymer formwork for lightened bidirectional slabs.

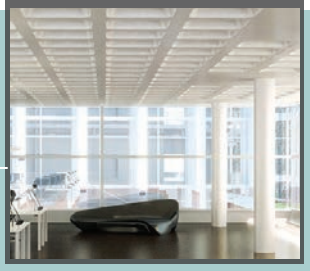


SLABS

A constant dialogue with the actors on the social and environmental system in which it operates, is in our view the only way for a company to be fully innovative.
Any decision should take into account 3 main objectives: respect for the Planet, well-being of People, Profitability for operators.

In all solutions which are part of the Slabs Division these objectives are fulfilled. Geoplast slabs create lighter buildings, which respond better to seismic stress. Futhermore, they are built through construction methods and materials that emit less pollutants into the enviroment and that trigger cost savings.

SKYDOME



SKYRAIL

AIRPLAST

NEW NAUTILUS

LIGHTENING SYSTEM FOR REINFORCED CONCRETE SLABS

NEW NAUTILUS SINGLE

+ 15% of cost saving compared to solid slab

NEW NAUTILUS DOUBLE

+ REI 180 certified

+ reduced slab thickness

- MULTISTOREY RESIDENTIAL BUILDINGS
- SHOPPING MALLS, HOSPITALS, COMMERCIAL BUILDINGS
- MULTISTOREY PARKING LOTS

SYSTEM FOR LIGHTENED REINFORCED CONCRETE SLABS MADE OF RECYCLED POLYMER.

NEW NAUTILUS SINGLE

	H16	H20	H24
Dimensions (cm)	52 x 52		
Material	Graplene (Recycled Polypropylene Compound)		
Piece volume (m^3)	0.033	0.040	0.047
No. of pieces/pallet	400		

NEW NAUTILUS DOUBLE

	H32	H36	H40	H44	H48
Dimensions (cm)	52 x 52				
Material	Graplene (Recycled Polypropylene Compound)				
Piece volume (m^3)	0.066	0.073	0.080	0.087	0.094
No. of pieces/pallet	200				

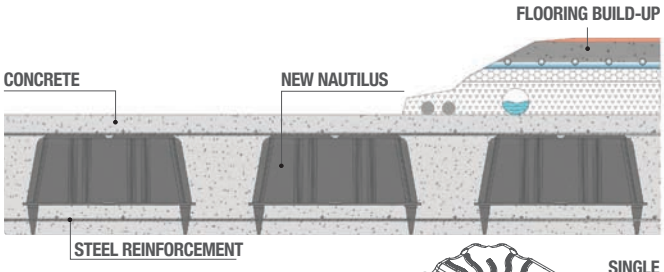
DESIGN FLEXIBILITY

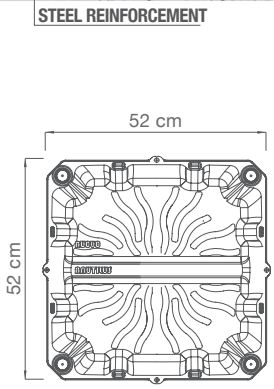
ANTISEISMIC

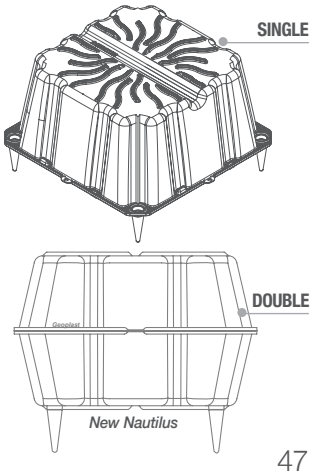
SIMPLIFIED LOGISTICS

TECHNICAL DATA FOR ALL DIMENSIONS

	NEW NAUTILUS SINGLE	NEW NAUTILUS DOUBLE
Foot H (cm)	0 - 4 - 5 - 6 - 7 - 8 - 9 - 10	
Spacer (cm)	10 - 12 - 14 - 16 - 18 - 20	
Packaging dim. (cm)	110 x 120 x H250	







NEW NAUTILUS EVO

LIGHTENING SYSTEM FOR REINFORCED CONCRETE SLABS

NEW NAUTILUS EVO SINGLE

15% of cost saving compared to solid slab

NEW NAUTILUS EVO DOUBLE

integrated cone

REI 180 certified

- MULTISTOREY RESIDENTIAL BUILDINGS
- SHOPPING MALLS, HOSPITALS, COMMERCIAL BUILDINGS
- MULTISTOREY PARKING LOTS

SYSTEM FOR LIGHTENED REINFORCED CONCRETE SLABS MADE OF RECYCLED POLYMER.

NEW NAUTILUS EVO SINGLE

	H10	H13	H16	H20	H24	H28
Dimensions (cm)	52 x 52					
Material	Graplene (Recycled Polypropylene Compound)					
Piece vol.* (m^3)	0.024	0.028	0.032	0.039	0.046	0.053
No. of pieces/pallet	400					

NEW NAUTILUS EVO DOUBLE

	H13	H14	H15	H16	H17	H18	H19	H20	H21	H23
Dimensions (cm)	52 x 52									
Material	Graplene (Recycled Polypropylene Compound)									
Piace vol* (m^3)	0.029	0.031	0.032	0.033	0.035	0.036	0.037	0.048	0.040	0.052
No. of pieces/pallet	230									

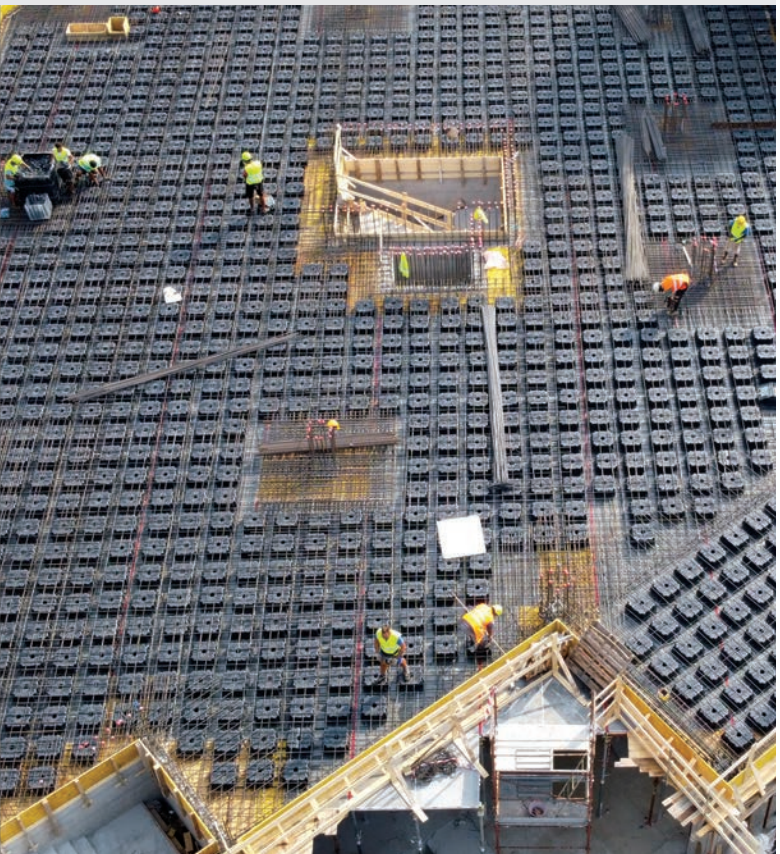
	H24	H25	H26	H27	H28	H29	H30	H31	H32	H33
Dimensions (cm)	52 x 52									
Material	Graplene (Recycled Polypropylene Compound)									
Piace vol* (m^3)	0.046	0.047	0.056	0.051	0.053	0.060	0.063	0.058	0.064	0.067
No. of pieces/pallet	230	230	200	230	230	230	200	230	230	230

	H34	H36	H37	H38	H40	H41	H44	H48	H52	H56
Dimensions (cm)	52 x 52									
Material	Graplene (Recycled Polypropylene Compound)									
Piace vol* (m^3)	0.070	0.071	0.074	0.077	0.078	0.081	0.085	0.092	0.099	0.106
No. of pieces/pallet	200									

DESIGN FLEXIBILITY

ANTISEISMIC

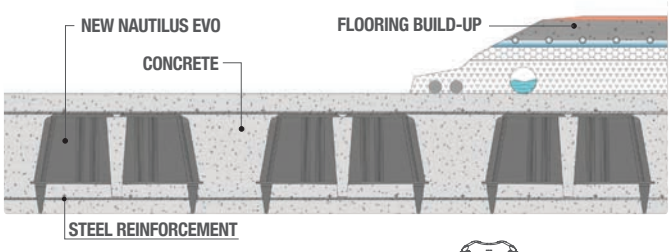
SIMPLIFIED LOGISTICS

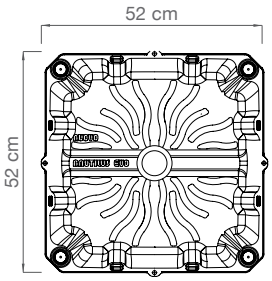


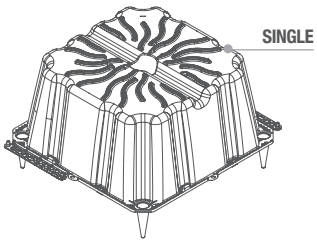
TECHNICAL DATA FOR ALL DIMENSIONS

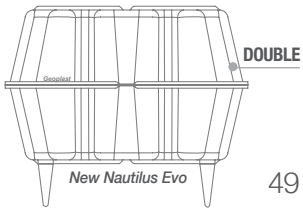
	NEW NAUTILUS EVO SINGLE	NEW NAUTILUS EVO DOUBLE
Foot H (cm)	0 - 5 - 6 - 7 - 8 - 9 - 10	
Spacer (cm)	10 - 12 - 14 - 16 - 18 - 20	
Packaging dim. (cm)	110 x 120 x H250	

** The piece volume may vary depending on the model, see data sheet for details.*







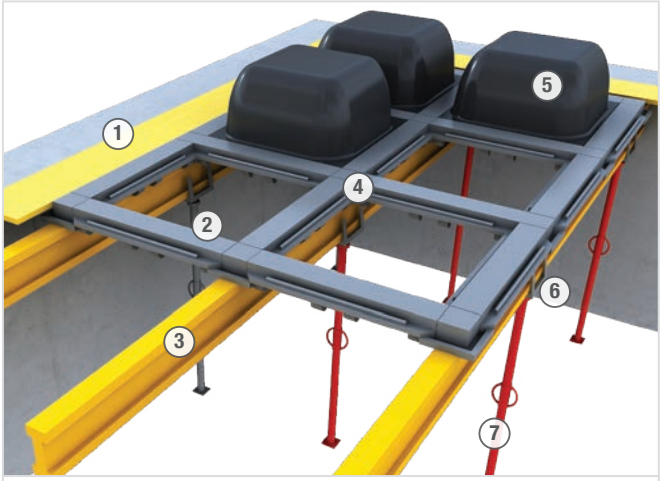


SKYDOME

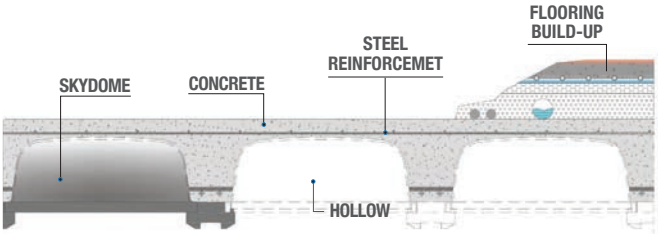
REUSABLE TECHNOPOLYMER FORMWORK FOR LIGHTENED WAFFLE SLABS

✔ BIDIRECTIONAL SLABS

REUSABLE FORMWORK SYSTEM MADE OF TECHNOPOLYMER FOR THE CONSTRUCTION OF BIDIRECTIONAL SLABS, CAST-IN-SITU.



1. WOODEN COMPENSATION
2. SKYDOME BEAM
3. WOODEN BEAM
4. SKYDOME CUBE
5. SKYDOME DOME
6. FORK
7. PROP



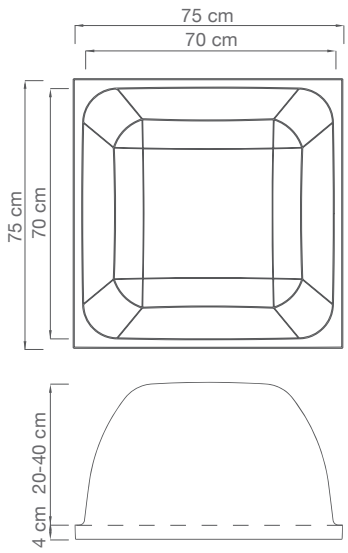
SEISMIC MASS REDUCTION

REDUCED LOADS AND CONSUMPTIONS

SIMPLE ASSEMBLY

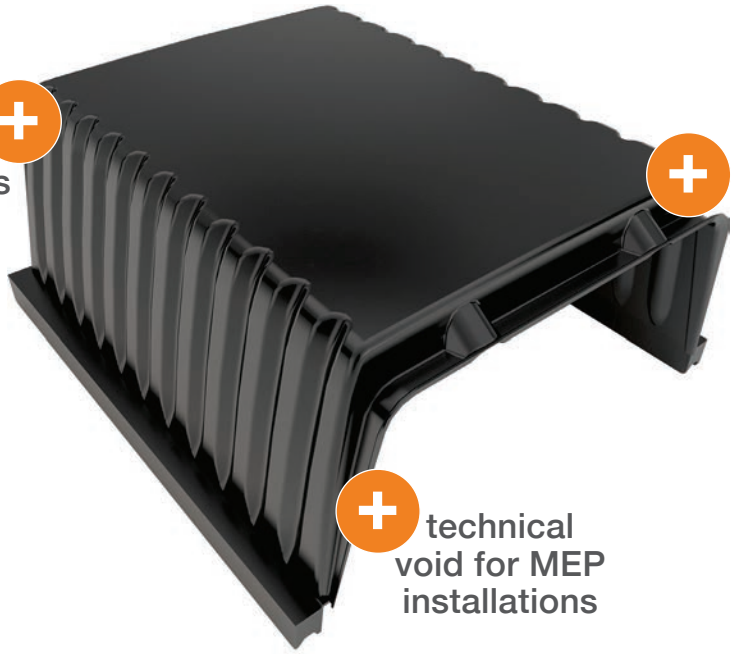
TECHNICAL DATA

	H200	H250	H300	H350	H400
Dimensions (cm)	75 x 75				
Packaging dim. (cm)	75 x 150 H231	75 x 150 H236	75 x 150 H240	75 x 150 H250	75 x 150 H255
Material	Gratene (Recycled ABS Compound)				
Piece weight (kg)	4.54	4.87	5.36	5.78	6.84
No. of pieces / pallet	100	100	100	100	100



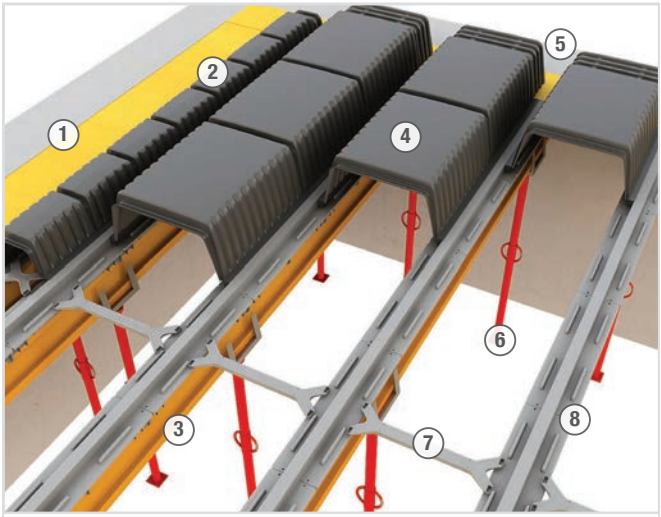
SKYRAIL

REUSABLE TECHNOPOLYMER FORMWORK FOR LIGHTENED MONODIRECTIONAL SLABS

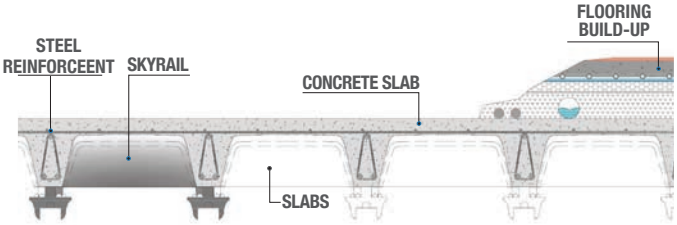


✔ MONO-DIRECTIONAL SLABS

REUSABLE FORMWORKS FOR THE CREATION OF MONO-DIRECTIONAL SLABS FOR CIVIL AND COMMERCIAL USE. DESIGNED TO LIGHTEN, THE VOID SPACE CAN BE USED FOR MEP INSTALLATIONS. CONCRETE SLABS CAN BE USED AS A TECHNICAL COMPARTMENT FOR HYDRAULIC, ELECTRICAL AND LIGHTING SYSTEMS.



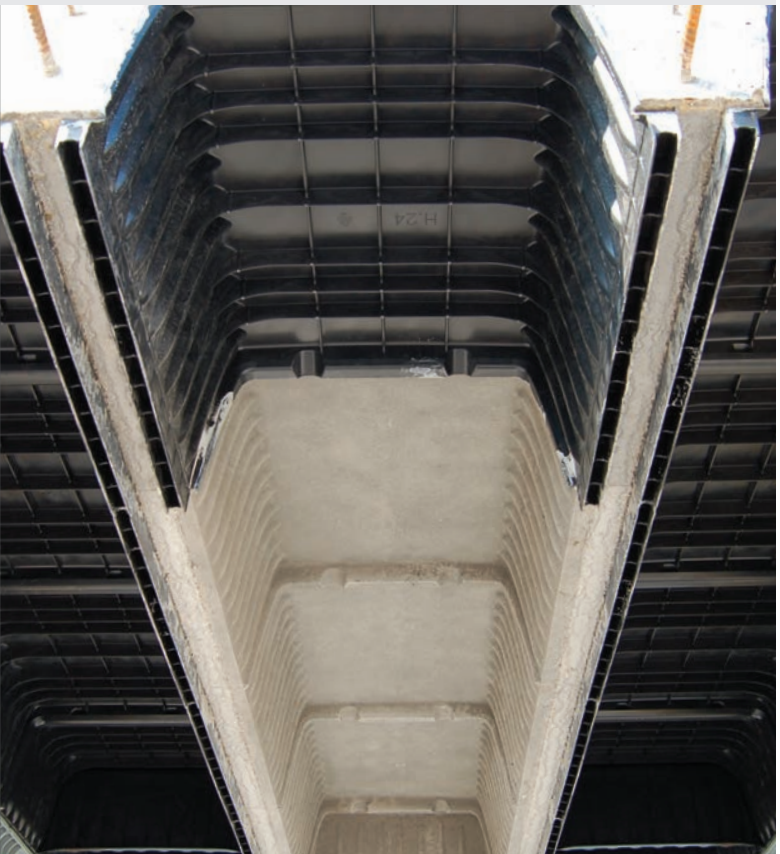
1. WOODEN COMPENSATION
2. MINISKYRAIL + MINISKYBLOCK
3. TIMBER BEAM
4. SKYRAIL FORMWORK
5. SKYBLOCK CAP
6. PROP
7. SPACER
8. SKYRAIL ABS BEAM



MODULAR

ECONIMIC

EASY TO HANDLE

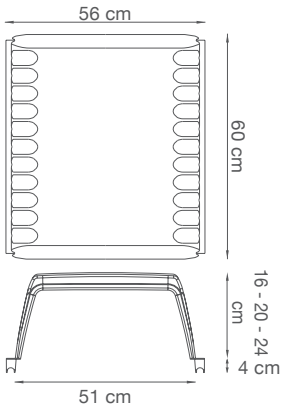


SKYRAIL TECHNICAL DATA

	H16	H20	H24
Dimensions (cm)	56 x 60		
Packaging dim. (cm)	110 x 125 H230	110 x 125 H232	110 x 125 H235
Material	Gratene (Recycled ABS Compound)		
Piece weight (kg)	2.14	2.52	2.98
No. of pieces / pallet	208	204	200

SKYBLOCK TECHNICAL DATA

	H16	H20	H24
Dimensions (cm)	50.4 x 37 x H13	50.4 x 37 x H17	50.4 x 37 x H21
Packaging dim. (cm)	100 x 120 H230	100 x 120 H233	100 x 120 H235
Material	Gratene (Recycled ABS Compound)		
Piece weight (kg)	1.11	1.23	1.46
No. of pieces / pallet	420	420	420

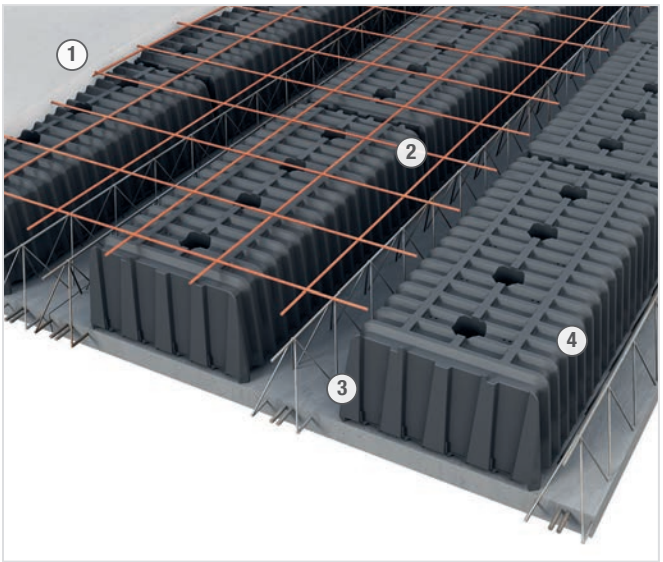


AIRPLAST

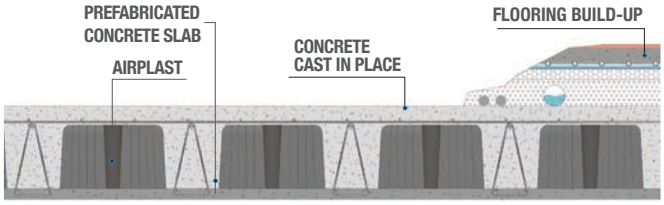
SYSTEM FOR THE LIGHTENING OF MONO-DIRECTIONAL SLABS WITH FLAT INTRADOS

✔ CIVIL AND COMMERCIAL APPLICATIONS

SAFE AND ADVANCED SYSTEM FOR REALIZING SEMI-PREFABRICATED PLATES (PREDALLES) FOR THE CAST IN SITU OF MONO-DIRECTIONAL SLAB WITH FLAT INTRADOS.



1. RIBBING AND TOP SLAB POUR
2. WELDED MESH
3. LOWER SLAB
4. AIRPLAST VOID FORMERS



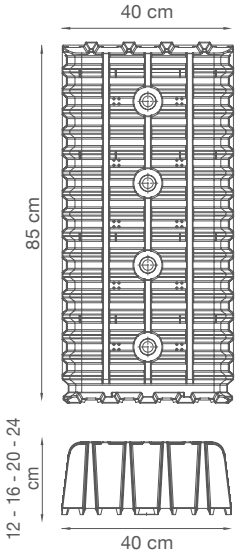
NO WATER RETENTION

FAST INSTALLATION

STACKABLE

TECHNICAL DATA

	H12	H16	H20	H24
Dimensions (cm)	85 x 40			
Packaging dim. (cm)	85 x 120 H232	85 x 120 H236	85 x 120 H250	85 x 120 H260
Material	Graplene (Recycled Polypropylene Compound)			
Piece weight (kg)	1.75	1.86	2.01	2.23
No. of pieces per pallet	300	300	300	300



REFERENCES

NEW NAUTILUS EVO, MARMARA TOWER, ISTANBUL, TURKEY

Construction of lightened bidirectional anti-seismic slabs in this complex for residential and commercial use.

NEW NAUTILUS EVO, DUAL HOCHSCHULE, STUTTGART, GERMANY

The new Nautilus Evo was chosen to create 15,000 m^2 of lightened slabs with flat intrados.

REFERENCES

NEW NAUTILUS EVO, VARIANT TOWER, IN BORNOVA, IZMIR, TURKEY

20,000 m² of New Nautilus Evo were used as an alternative to hollow-core concrete slabs. This building solution ensures maximum structural integrity.

NEW NAUTILUS EVO, HOTEL, VENICE, ITALY

New Nautilus Evo Double was used in the construction of this prestigious hotel near Venice, allowing the designers to lighten the floor while reducing concrete and steel consumption.

REFERENCES

SKYDOME, OFFICE BUILDING, CLUJ NAPOCA, ROMANIA

The lightened bidirectional slabs provide ample interior space with minimal use of columns and load-bearing walls.

SKYDOME, LE NUAGE, MONTPELLIER, FRANCE

Large-span slabs were chosen to create space with minimal need for columns and beams.
The Skydome formwork was chosen to build 4,500 m² waffle slabs.

REFERENCES

AIRPLAST, EDF EUROPEAN TRAINING AND RESEARCH CENTER, SACLAY, FRANCE

The floors of this building incorporate radiant heating and cooling systems, Airplast void formers were used for lighter cast-in-place slabs.

SKYRAIL, RESIDENTIAL COMPLEX, DAKAR, SENEGAL

Skyrail is a valid alternative to the traditional hollow block slabs. It allowes significant savings in time and materials while providing interiors with an unique architectural style and great feeling of space.

DRENING

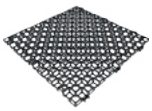
Tunnel element for water retention and infiltration.

ELEVETOR TANK

Permanent formwork for high-performance reinforced concrete water tanks.

DRAINPANEL

Stormwater infiltration and attenuation modules.



GEOCELL

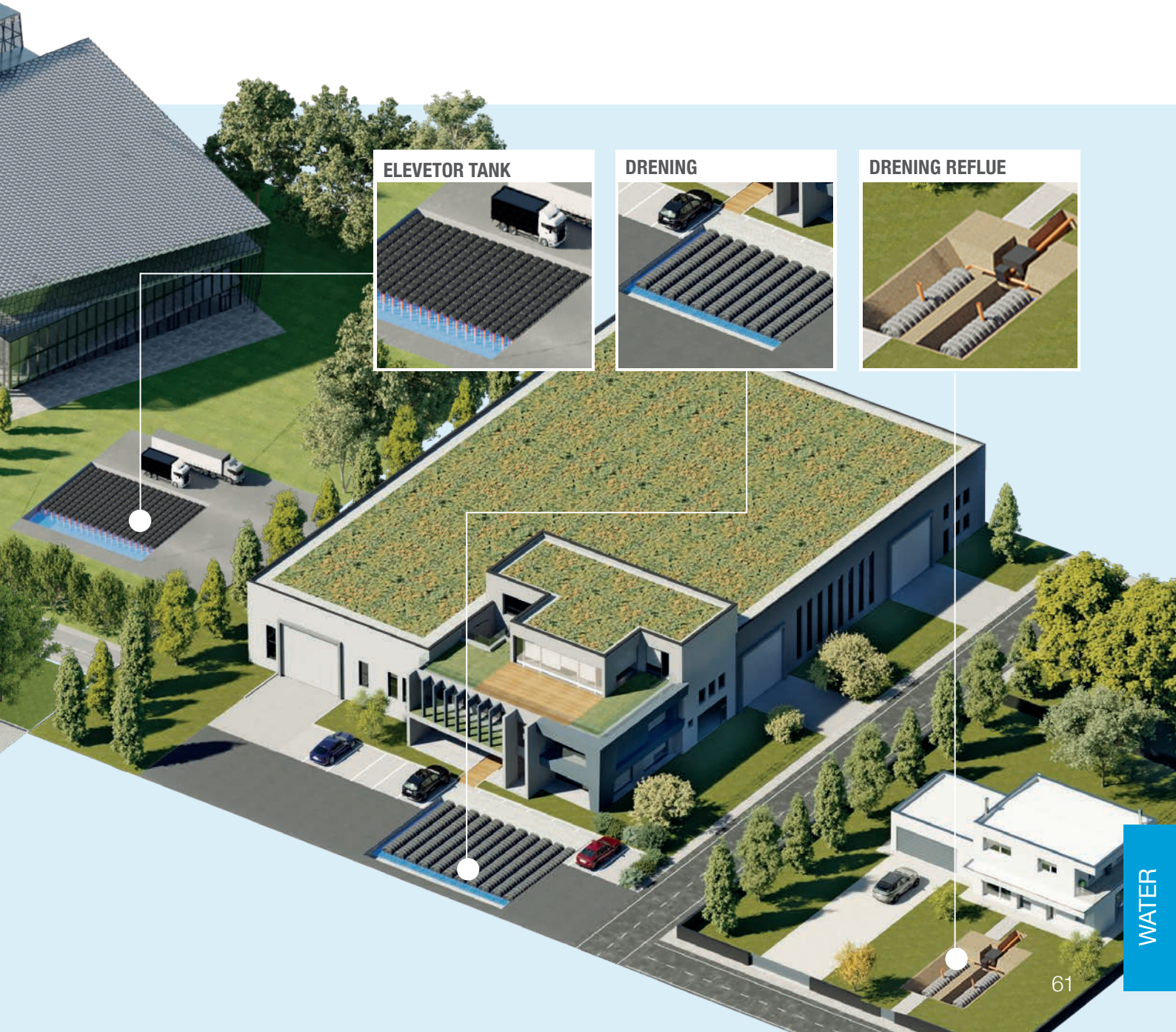
Cellular structural drainage panel with high horizontal flow capacity.

AQUABOX

Geocellular stormwater management system.

WATER

Increasing precipitations patterns combined with the growth of urban impervious surfaces make it necessary to implement efficient and sustainable stormwater management solutions.
When stormwater is detained in situ and is gradually released into the drainage system or watercourses, potential flood damage inflicted to local territories and urban areas during heavy rainfall events will be mitigated.
Geoplast has developed a wide range of solutions that respond to specific needs and market requirements.

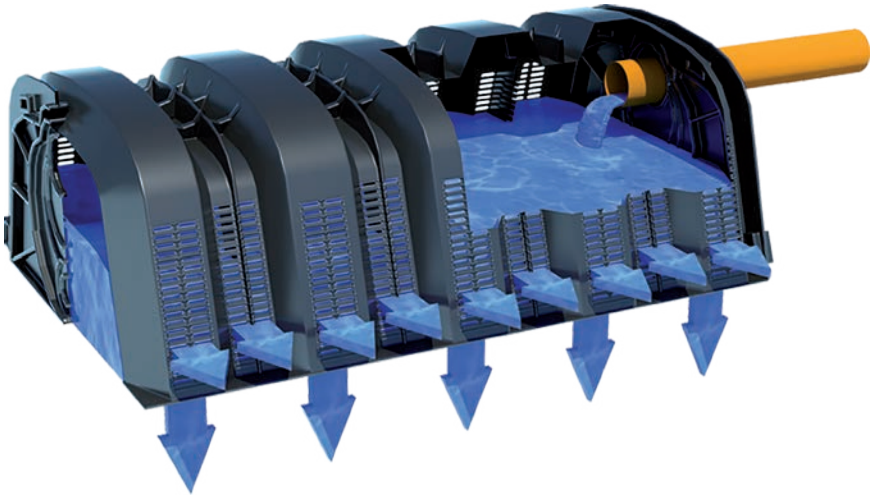


DRENING

TUNNEL ELEMENT FOR RAINWATER STORAGE AND INFILTRATION

- INFILTRATIONS TANKS
- HARVESTING AND RE-USE
- TRENCHES FOR WASTEWATER INFILTRATION

MODULAR ELEMENT MADE OF RECYCLED PLASTIC AND DESIGNED TO CREATE STORMWATER MANAGEMENT UNDERGROUND BASINS.



PALLET cm 125 x 83	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
12.4 m^3	370 m^3	110 m^3	270 m^3

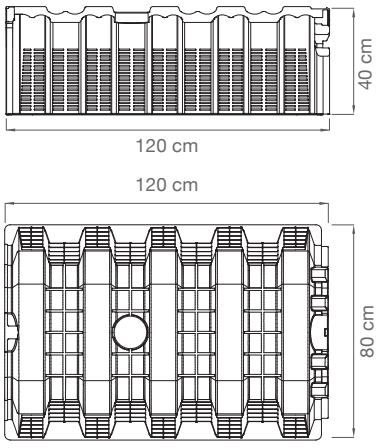
REDUCED EXCAVATION

EASY INSTALLATION

UNIVERSAL SOLUTION

TECHNICAL DATA

Dimensions (cm)	120 x 80 x H40
Installed product lenght (cm)	117
Material	Graplene (Recycled Polypropylene Compound)
Capacity (l)	310
Lat. infiltration surface (cm^2)	2.800
Packaging size (cm)	125 x 83 x H245
Piece weight (kg)	9.82
No. of pieces per pallet	40



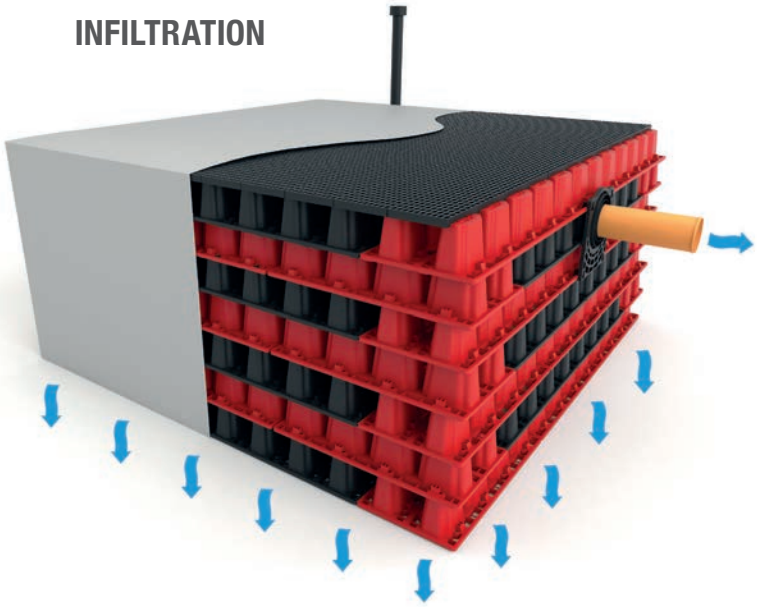
DRAINPANEL

MODULAR ELEMENT FOR STORMWATER MANAGEMENT

- INFILTRATION BASINS
- ATTENUATION TANKS
- RAINWATER DETENTION AND REUSE

INFILTRATION

MODULAR ELEMENT MADE OF RECYCLED PLASTIC AND DESIGNED TO CREATE STORMWATER MANAGEMENT UNDERGROUND BASINS.

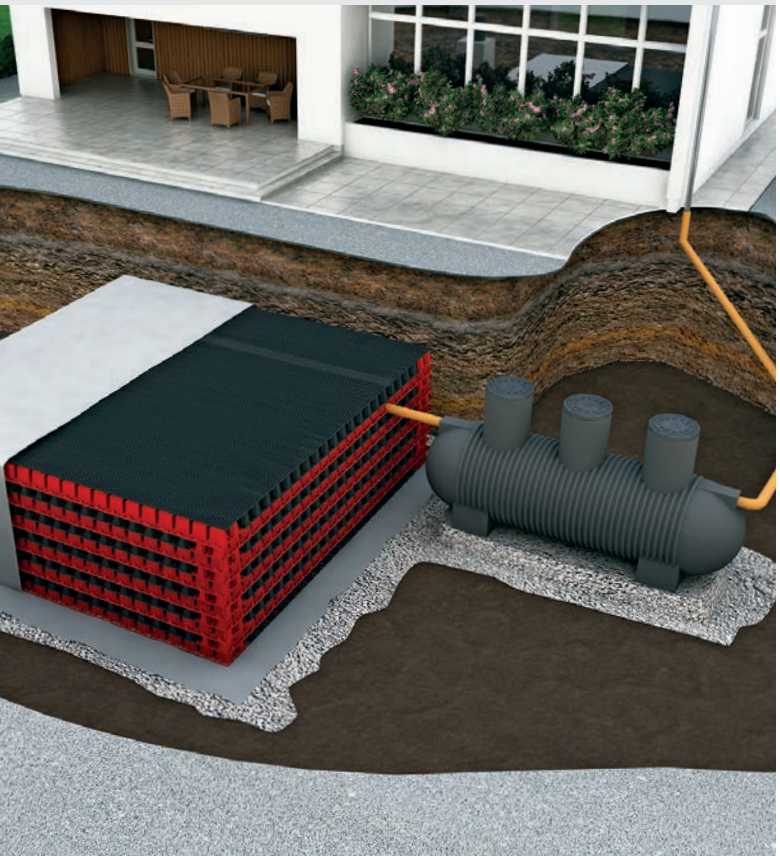


PALLET cm 112 x 112	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
22 m³	460 m³	160 m³	360 m³

QUICK INSTALLATION

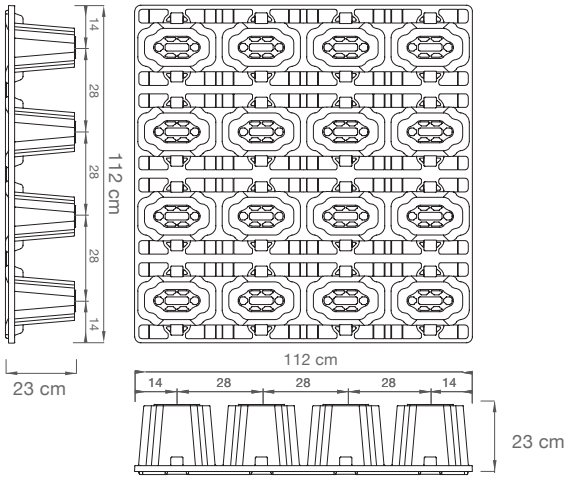
OVERLAY ELEMENT

STRENGHT



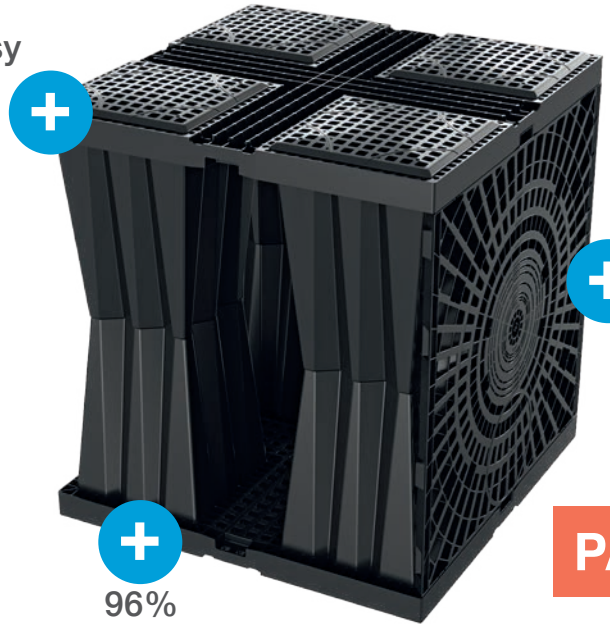
TECHNICAL DATA

Dimensions (cm)	112 x 112 x H23
Installed product lenght (cm)	20
Material	Graplene FV30 (Recycled Polypropylene Compound)
Gross volume (l)	0.25
Hollow percentages (cm²)	96%
Packaging size (cm)	121 x 112 x H250
Piece weight (kg)	13.50
No. of pieces per pallet	75



AQUABOX

GEOCELLULAR STORMWATER MANAGEMENT SYSTEM



fast and easy installation

high load resistance

96% void ratio

PATENTED

- INFILTRATION BASINS
- DETENTION TANKS
- STORMWATER HARVESTING

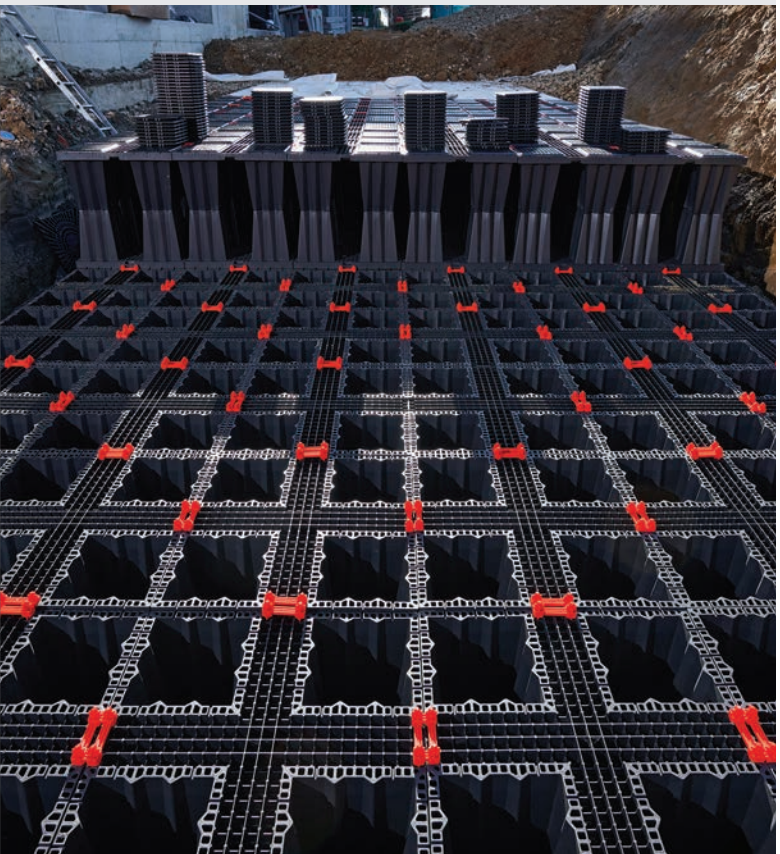
GEOCELLULAR MODULAR ELEMENT MADE OF VIRGIN OR RECYCLED POLYPROPYLENE. IT IS DESIGNED TO CREATE UNDERGROUND TANKS FOR SUSTAINABLE RAINWATER MANAGEMENT.

PALLET cm 80 x 152	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
17 m³	380 m³	115 m³	310 m³

HIGH RESISTANCE

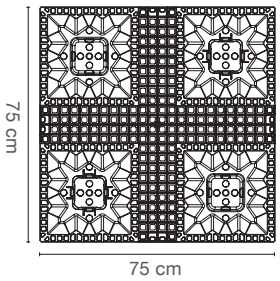
HIGH STORAGE CAPACITY

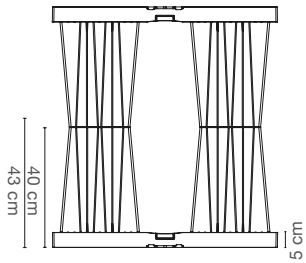
INSPECTABLE



TECHNICAL DATA

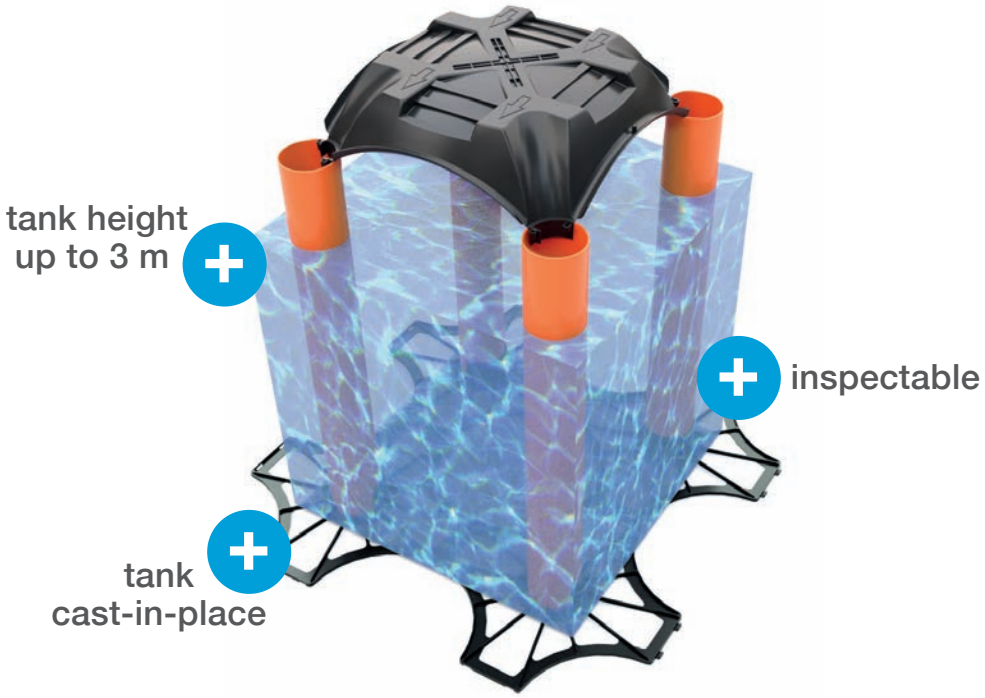
	HPR	HP	STR	ST
Dimensions (cm)	75 x 75 x H43			
Material	Graplene VNFV 15 (Polipropilene Compound)	Graplene FV 15 (Polipropilene Compound)	Graplene FV 5 (Polipropilene Compound)	Graplene (Polipropilene Compound)
Load class	SLW 60	SLW 60	SLW 30 (SLW 60)	LANDSCAPING
Minimum covering (m)	0.7	0.7	0.5 (0.8)	0.5
Net volume (l/unit)	216			
Void ratio	96%			
Size packaging (cm)	80 x 152 x H258			
Number of pieces	80			





ELEVETOR TANK

PERMANENT FORMWORK FOR REINFORCED CONCRETE WATER STORAGE TANKS



- STORMWATER ATTENUATION AND STORAGE TANKS
- TANKS FOR INFRASTRUCTURES OR ROAD WORKS
- FIRE-FIGHTING TANKS

SYSTEM MADE OF RECYCLED PLASTIC MATERIAL USED TO CREATE CONCRETE TANKS FOR RAINWATER HARVESTING OR INFILTRATION. SYSTEM ADJUSTABLE TO HEIGHT AND DIMENSIONS OF THE TANKS, AS PER DESIGN REQUIREMENTS.

TRIO BASE

CUATRO BASE

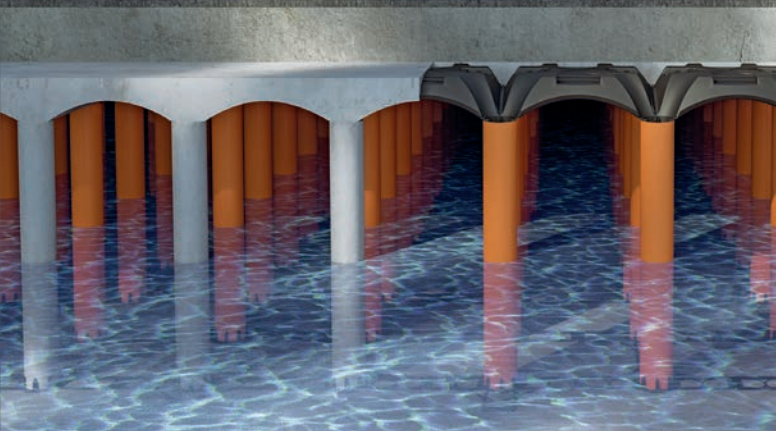
MAX BASE

QUICK INSTALLATION

STABLE AND SAFE

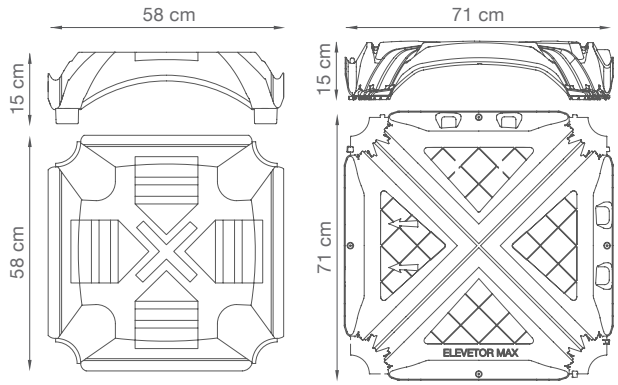
STRENGHT

PALLET cm 120 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
FORMWORK NEW ELEVETOR **75 m²**	FORMWORK NEW ELEVETOR **1200 m²**	FORMWORK NEW ELEVETOR **360 m²**	FORMWORK NEW ELEVETOR **825 m²**
PALLET cm 150 x 150	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
FORMWORK ELEVETOR MAX **280 m²**	FORMWORK ELEVETOR MAX **2940 m²**	FORMWORK ELEVETOR MAX **1200 m²**	FORMWORK ELEVETOR MAX **2650 m²**



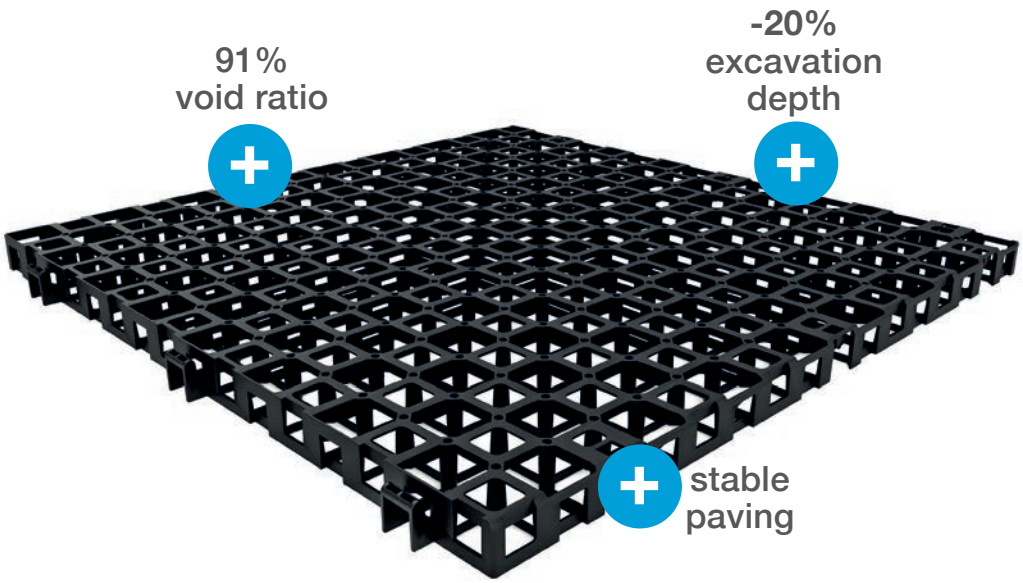
TECHNICAL DATA

	NEW ELEVETOR FORMWORK	ELEVETOR MAX FORMWORK
Dimensions (cm)	58 x 58 x H15	71 x 71 x H15
Material	Graplene (Recycled Polypropylene Compound)	
Packaging dim. (cm)	120 x 120 x H265	150 x 150 x H255
Piece weight (kg)	1.43	3.0
Pcs per pallet	225	560



GEOCELL

DRAINAGE PANEL WITH HIGH HORIZONTAL FLOW RATE



- PAVED SURFACES
- SPORT COURTS
- GOLF COURTS
- GREEN ROOFS
- GEOTECHNICAL WORKS

SLIM PROFILE GRID MADE OF RECYCLED PLASTIC MATERIAL. IT IS USED FOR HORIZONTAL DRAINAGE SYSTEMS UNDER PAVED OR GREEN AREAS.

PALLET cm 120 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
100 m²	2200 m²	757 m²	1900 m²

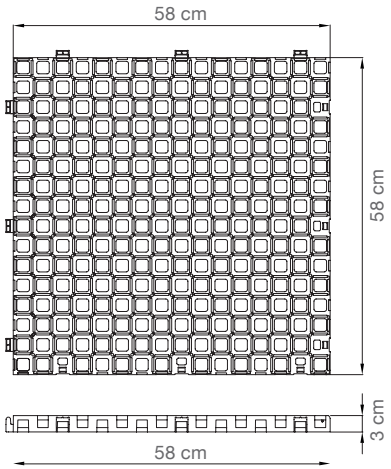
STRONG

VERSATILE

HIGH OUTFLOW

TECHNICAL DATA

Dimensions (cm)	58 x 58 x H3
Material	Graplene (Recycled Polypropylene Compound)
Storage capacity (l/m²)	27.6
Packaging size (cm)	120 x 120 x H240
Pcs of pieces	300
m² per pallet	100
Piece weight (kg)	0.97
Permeability	99%



REFERENCES

DRENING - NEW URBANISATION, MILANO, ITALY

Multiple Drening infiltration systems were installed in this new residential centre to allow underground infiltration of a rainwater volume of approximately 450 cubic metres.

DRENING - MARCHESINI GROUP HEADQUARTERS, PARIS, FRANCE

The headquarters of the Marchesini Group located in Saint-Mesmes, close to Paris, France, covers an area of approximately 1000 m^2. The characteristics of the soil and the need to manage the stormwater make Drening the right solution.

REFERENCES

DRAINPANEL - NEW SEA VISION HEADQUARTERS, PAVIA

The Drainpanel modules were placed below employee car park in the new Sea Vision headquarters.
The construction of an infiltration basin of 1,000 cubic meters allowed the correct disposal of rainwater from the flat roof.

DRAINPANEL - ALLIANZ CLOUD SPORT HALL, MILAN, ITALY

Drainpanel system was used to create 4 underground rainwater basins, at Allianz Cloud Sport Hall in Milan.
The modular Drainpanel elements were laid on 7 levels in order to create individual basin with a height of 1.6 m, with a total storage volume of 400 m^3.

REFERENCES

AQUABOX - ORIO AL SERIO AIRPORT, BERGAMO, ITALY

The use of the Aquabox modular system provided Milan/Bergamo Orio al Serio airport a runway with a full drainage system by creating a tank with a capacity of 800 cubic metres of rainwater.

AQUABOX - ORIO AL SERIO AIRPORT, BERGAMO, ITALY

At the Airport of Orio al Serio, Bergamo, Aquabox was used for the management of rainwater.
It proved to be an optimal solution since it allowed to inspect the tanks at any time and to plan the maintenance correctly.

REFERENCES

AQUABOX - BUSINESS CENTER, MILAN, ITALY

At an important Business Centre in Milan the designers created a multi-level storage basin to collect rainwater from the roof and from the car park, thus preventing any risk of flooding.

AQUABOX - NEW URBAN DEVELOPMENT, TRENTO, ITALY

A rainwater collection basin was built with Aquabox in a new urbanisation area in the Trento area to protect the new devekopment from the consequences of extreme rainfall events.

REFERENCES

ELEVETOR TANK - SHOPPING CENTRE, MARGHERA, ITALY

Elevetor Tank was used to build a rainwater storage tank, below the car park of the “Nave de Vero” shopping centre. The tank was made of concrete and can store approximately 5,000 cubic meters of water.

ELEVETOR TANK - SHOPPING CENTRE, TURIN, ITALY

MondoJuve shopping center has a surface of 82,000 m^2 and it finds itself on a land area of about 340,000 m^2. It is likely to become one of the most innovative malls in Europe in terms of eco-sustainability.
4,000 parking spaces were created using New Elevetor Tank, Geoplast’s permanent formwork for in situ cast concrete water storage. This allows the collection of rainwater and its later use for irrigation and fire systems.

REFERENCES

GEOCELL - MARANA OBSERVATORY TERRACE, VICENZA, ITALY

The drainage of the pedestrian terrace of the Marana Observatory was created with Geocell, our product designed specifically for horizontal drainage. In case of heavy rain, the water is evacuated in a very short time, avoiding damages on the flooring.

GEOCELL - MARANA OBSERVATORY TERRACE, VICENZA, ITALY

The Geocell panels were laid directly on the waterproofing membrane, and then covered with a geotextile 300g/m^2. Finally, the concrete pavers were laid.

LANDSCAPING

ELEVETOR ROOT

ROOTBOX

COMPLETA

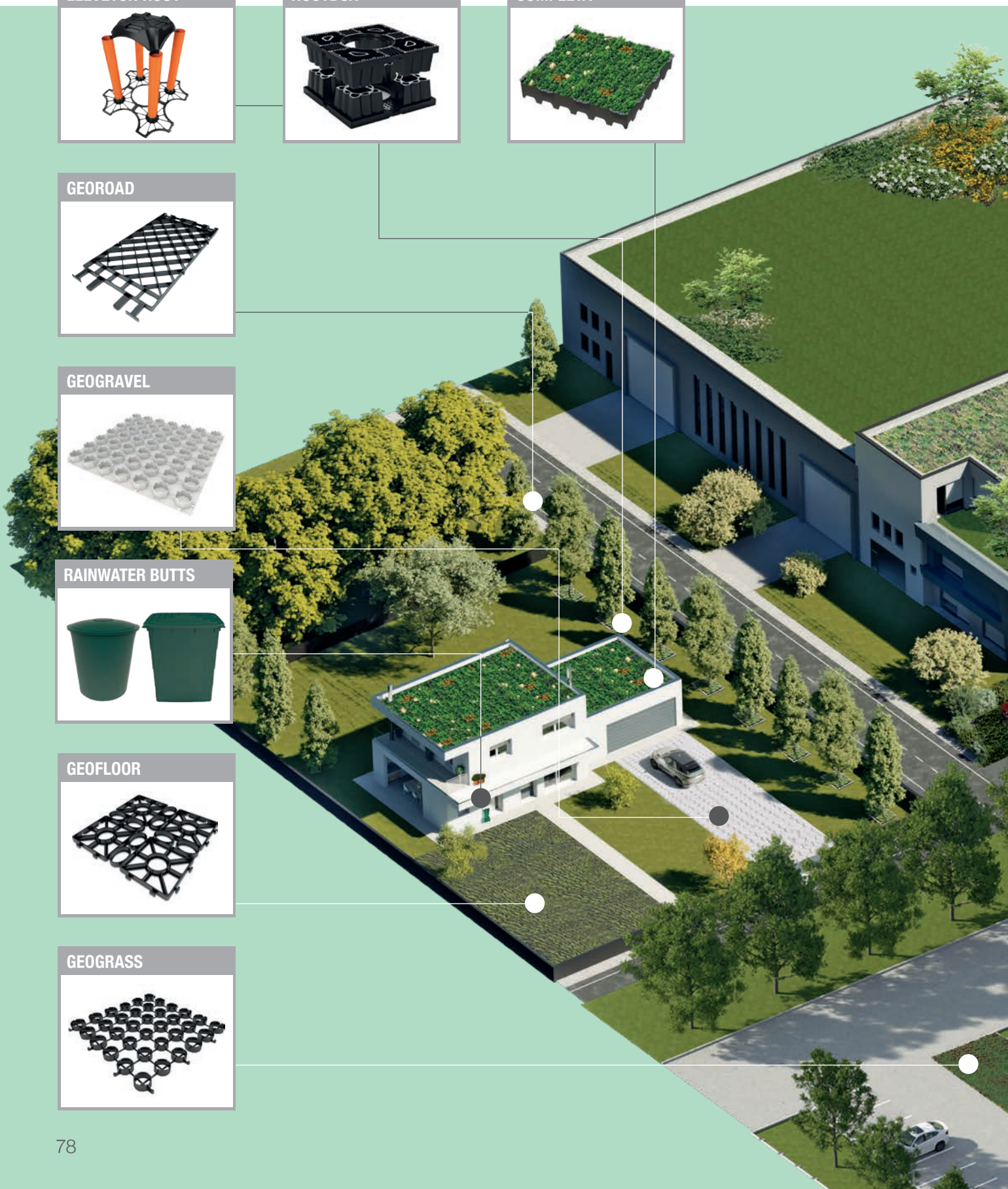
GEOROAD

GEOGRAVEL

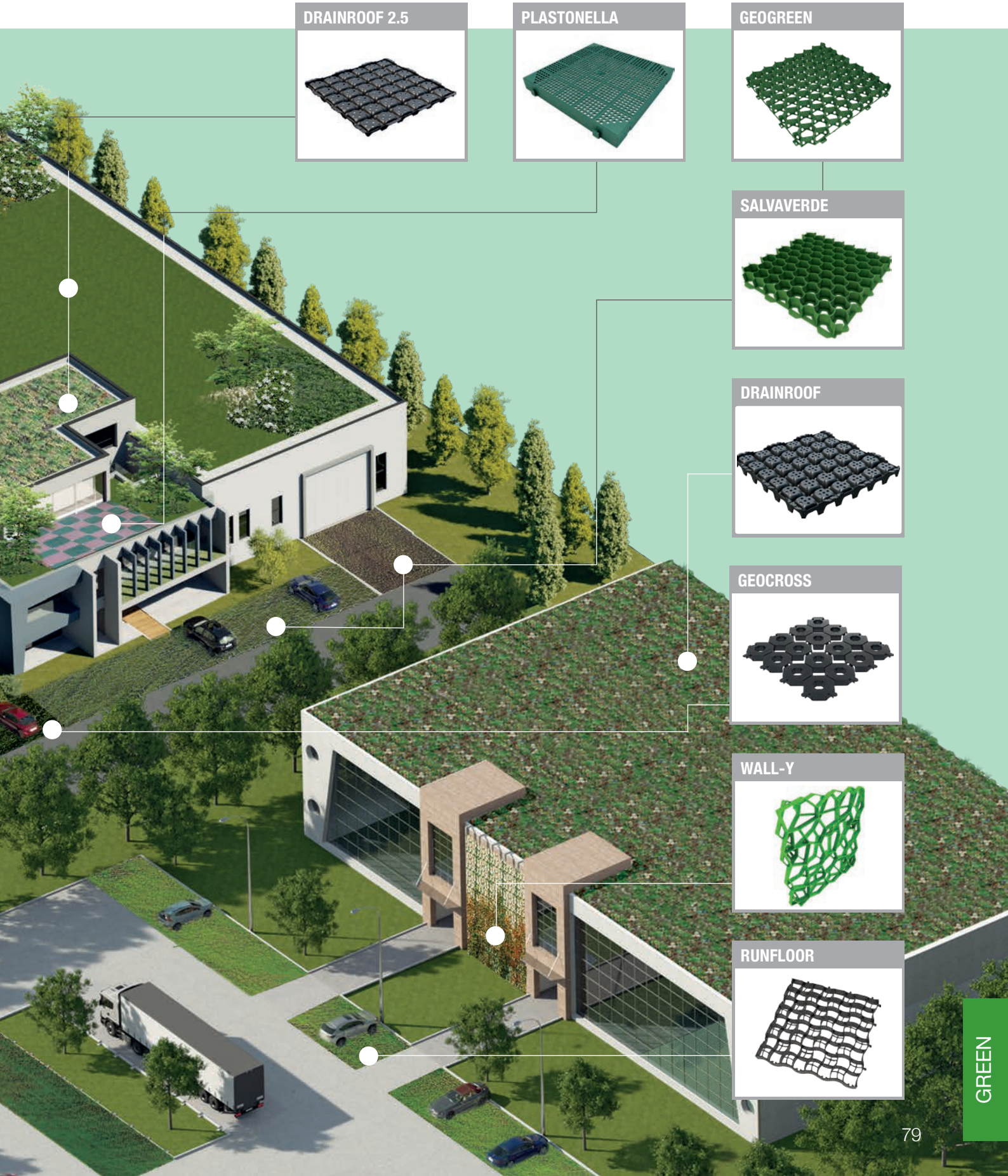
RAINWATER BUTTS

GEOFLOOR

GEOGRASS

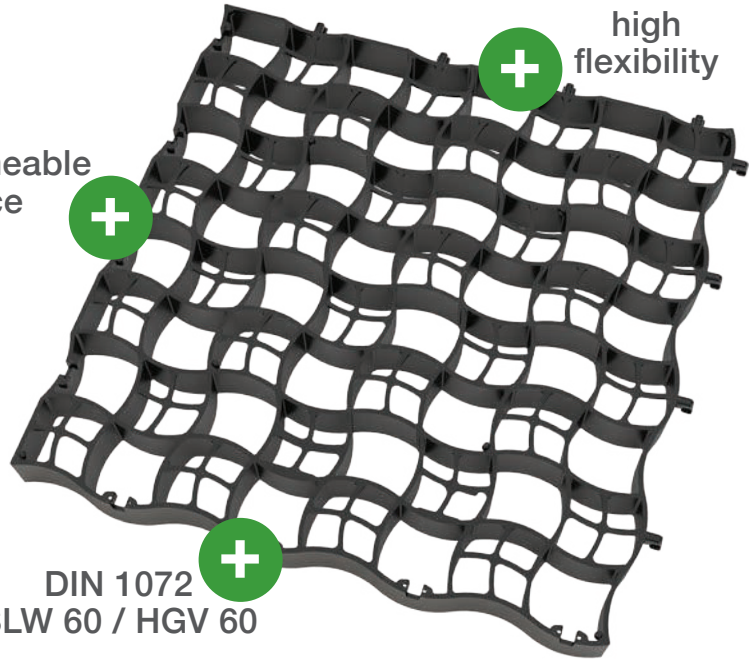


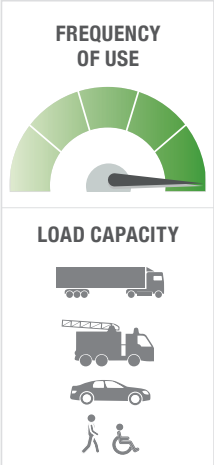
The Geoplast Green & Landscaping Division was created with the aim of offering landscape professionals a range of solutions capable of increasing the well-being of people. The focus is on ensuring comfort and meeting the needs deriving from urbanisation of the territory while maintaining soil permeability and promoting the presence of green in our cities. The latter is extremely important since it absorbs the harmful gases of the atmosphere-such as CO^2- and it mitigates urban heat islands.



RUNFLOOR

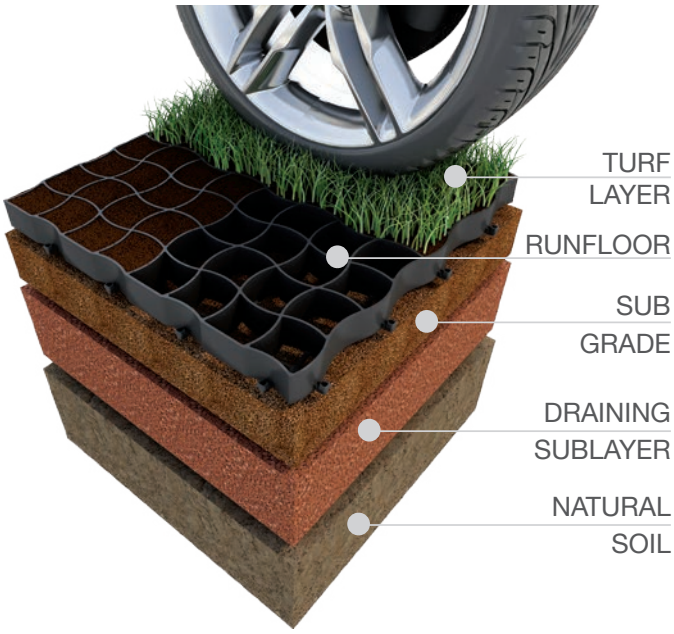
HIGH STRENGTH GRID FOR DRIVEWAYS AND PERMEABLE AREAS





- CAMPER VAN PARKING AREAS
- HIGH FREQUENCY CAR PARKS
- HEAVY GOODS VEHICLES PASSAGE AND PARKING
- FIRE-FIGHTER ACCESS
- PRIVATE PARKING AREAS
- BOAT RAMPS

IDEAL FOR THE REALIZATION OF TURFED DRAINING SURFACES FOR HIGH RESISTANCE PARKINGS AND TRANSIT AREAS. IT ENSURES FUNCTIONALITY AND PERFORMANCE WHILE MAINTAINING THE SOIL NATURAL DRAINING CAPACITY.



PALLET	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
F03: 100 m²	F03: 2200 m²	F03: 757 m	F03: 2050 m
F04: 76 m²	F04: 1672 m²	F04: 576 m²	F04: 1520 m²
F05: 60 m²	F05: 1320 m²	F05: 468 m²	F05: 1226 m²
H04: 50 m	H04: 1598 m²	H04: 550 m²	H04: 1280 m²
H05: 45 m²	H05: 1438 m²	H05: 460 m²	H05: 1187 m²
S05: 45 m²	H05: 1438 m²	S05: 460 m²	S05: 1187 m²

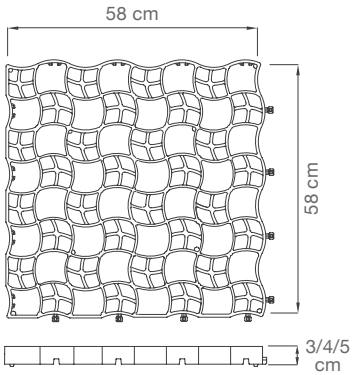
HIGH RESISTANCE TO LOADS

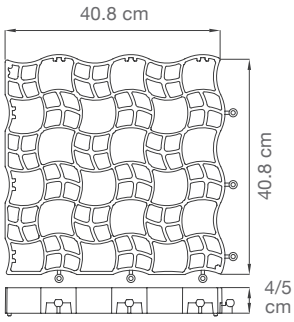
PERMEABLE

STABLE

TECHNICAL DATA

	F03	F04	F05	H04	H05	S05
Dimensions (cm)	58 x 58 x H3-4-5			40.8 x 40.8 x H4-5		
Piece weight (kg)	1.29	1.67	1.92	0.76	0.90	1.19
Material	Gralene LD (Recycled Polyethylene Compound)					
Colour	Black / Green			Black		
Load capacity (t/m²)	400	400	500	400	500	600
Permeability	89%			84%	84%	83%
Packaging dim. (cm)	120 x 120			85 x 125		
	H240	H242	H240	H220	H235	H235
No. of pieces per pallet	300	228	180	300	270	270
m² per pallet	100	76	60	50	45	45

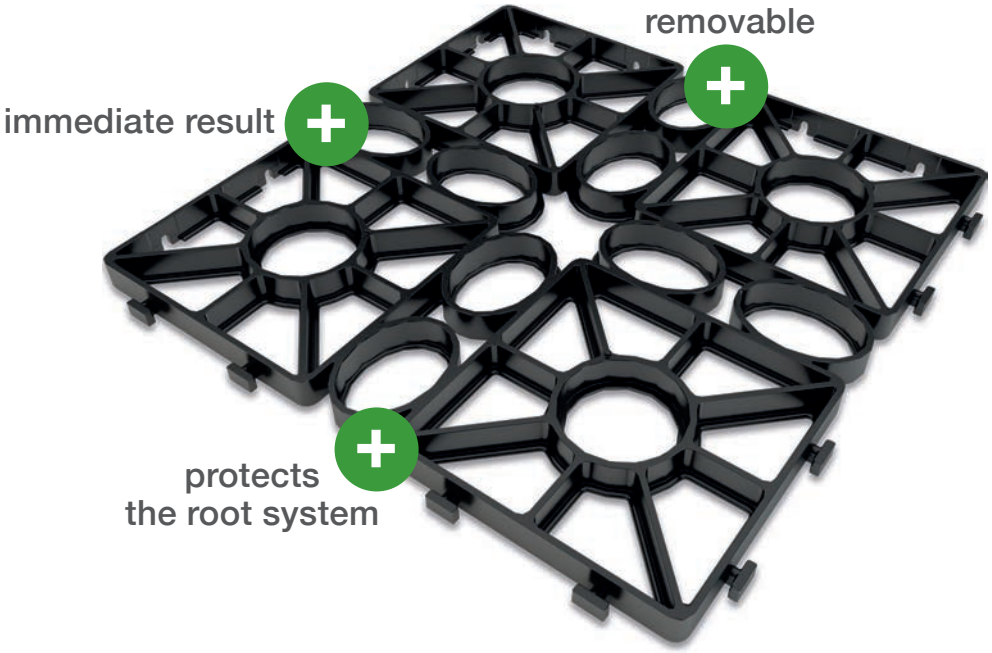


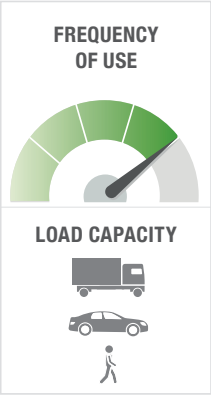


GREEN

GEOFLOR

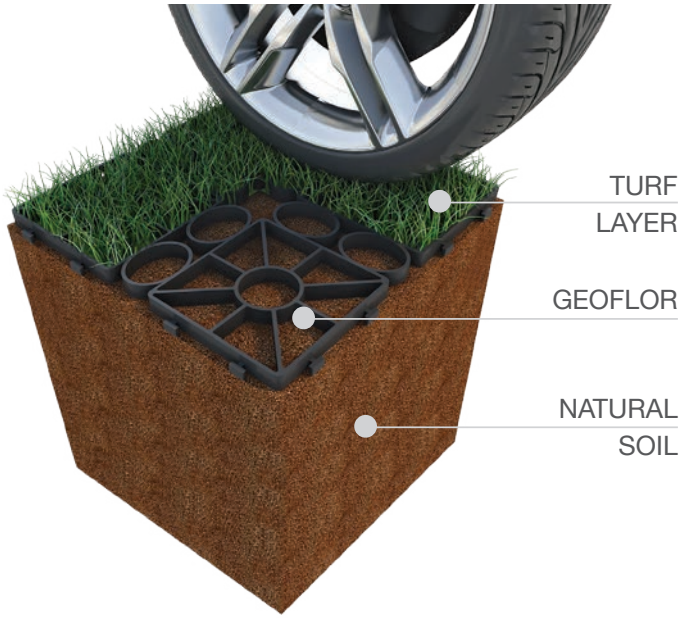
GRID FOR THE PROTECTION OF EXISTING LAWNS





- PARKING ON EXISTING LAWN
- GRASS PROTECTION FOR TEMPORARY EVENTS
- PARKING ON LAWN ROLLS
- AREAS FOR PRIVATE PARKING AND CAR TRANSIT
- HIGH RESISTANCE AREAS FOR TRANSIT AND PARKING

LOW-DENSITY RECYCLED POLYETHYLENE GRID SUITABLE FOR TRANSFORMING FINISHED LAWNS INTO CAR PARKS, DRIVEWAYS OR PEDESTRIAN AREAS. IT DISTRIBUTES LOADS AND PREVENTS STAGNATING WATER.

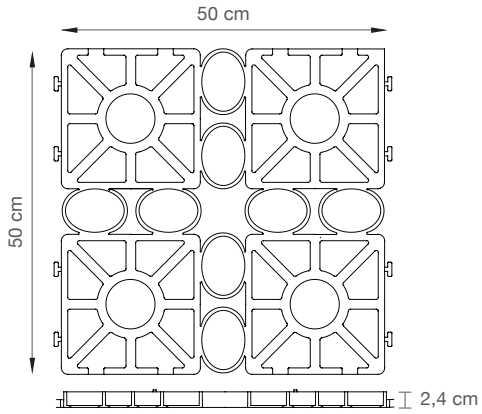


PALLET cm 120 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
100 m²	**2600 m²**	**1060 m²**	**2460 m²**

UV RAY-STABLE **DRIVEABLE** **MULTI PURPOSE**

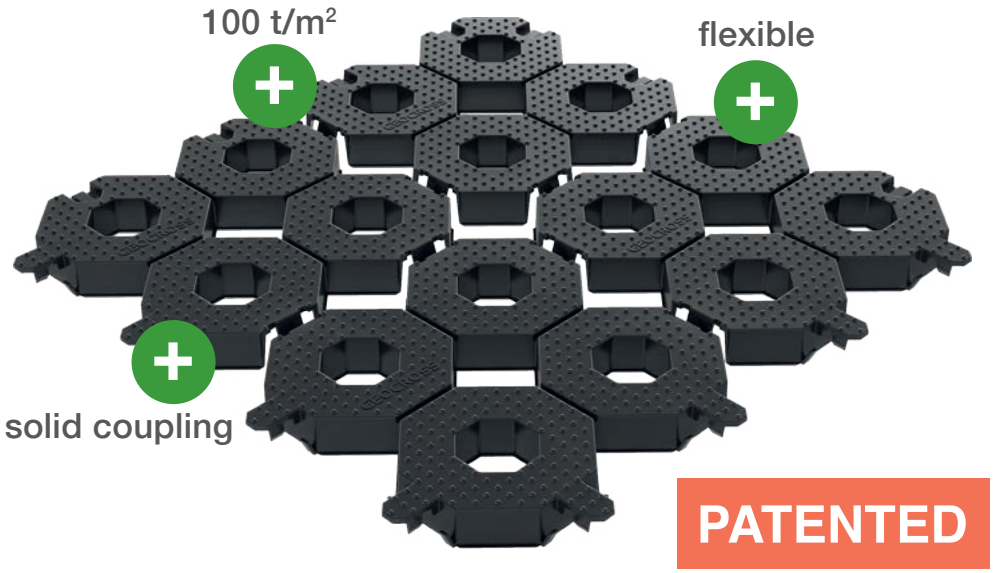
TECHNICAL DATA

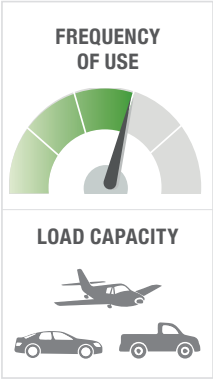
Dimensions (cm)	50 x 50 x H2.4
Piece weight (kg)	1.01
Material	Gralene LD (Recycled Polyethylene Compound)
Colour	Black
Load capacity (t/m²)	100
Permeability	95%
Packaging dim. (cm)	100 x 112 x H230
No. of pieces per pallet	400
m² per pallet	100



GEOCROSS

AIRFIELD SURFACES AND CAR PARKS ON SOFT SOILS





- ULTRALIGHT TAKE-OFF RUNWAYS
- LEISURE FLIGHTS
- ACCESS TO SERVICE VEHICLES
- AIRFIELD RUNWAYS
- TRANSIT AREAS

GEOCROSS IS A PAVING GRID MADE OF RECYCLED PLASTIC FOR BUILDING AIRSTRIPS AND DRIVEABLE SURFACES. IT ENSURES STABILISATION AND SUPPORT OF EXISTING GRASS SURFACES AND IT IS INSTALLED SIMPLY, WITHOUT THE NEED FOR EXCAVATIONS AND SIMPLY ROLLING INTO THE GROUND.

PALLET cm 120 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
86 m^2	2080 m^2	651 m^2	1620 m^2

100% GRIP
NON-SLIP SURFACE AREA

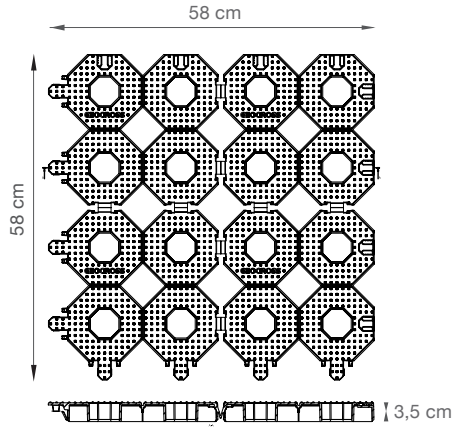
HIGH LOAD-BEARING CAPACITY

STABILISED TERRAIN

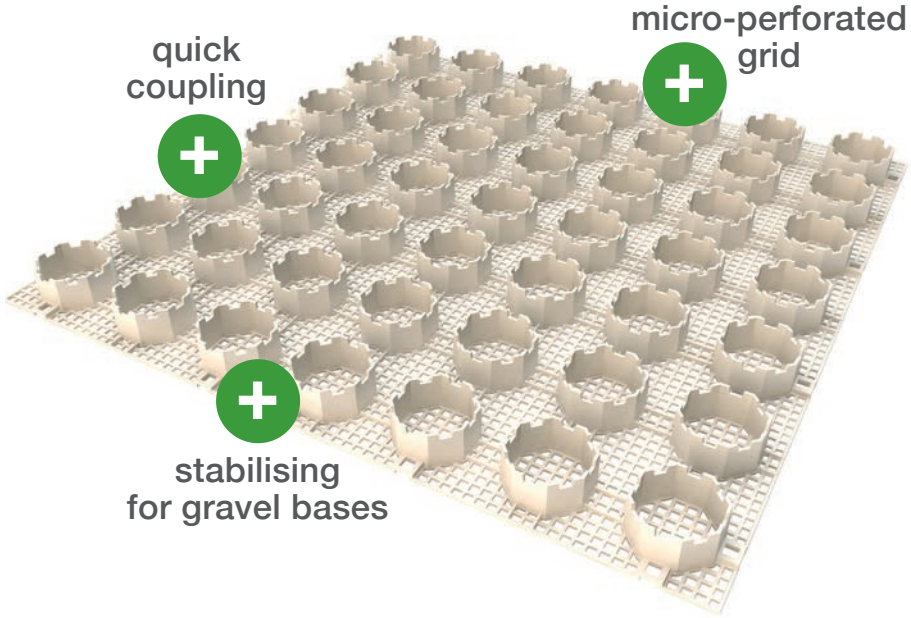
TECHNICAL DATA

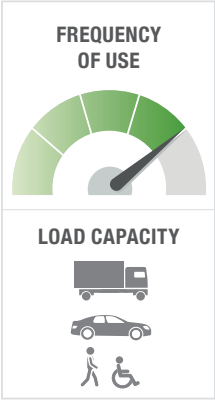
Dimensions (cm)	58 x 58 x H3.5
Piece weight (kg)	1.50
Material	Gralene HD (Recycled Polyethylene Compound)
Colour	Black
Load capacity (t/m^2) (filled grid)	100*
Permeability	40%
Packaging dim. (cm)	120 x 120 x H240
No. of pieces per pallet	260
m^2 per pallet	86

** The soil strength and condition may significantly affect the overall performance of the system.*



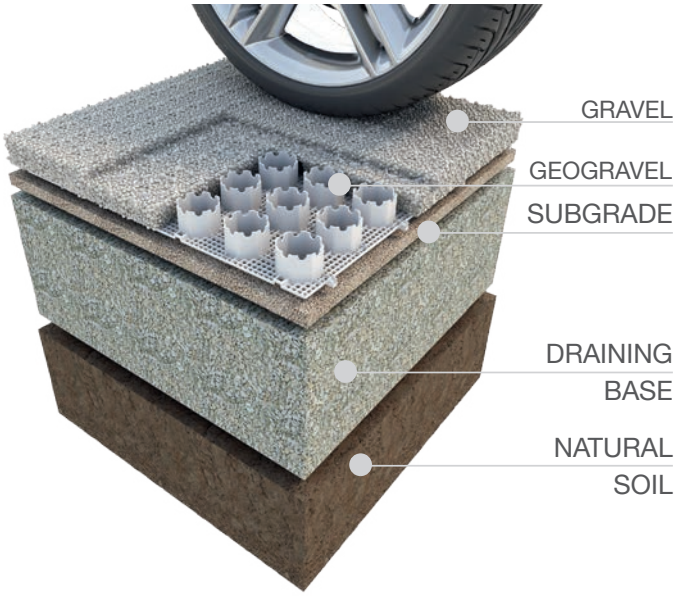
GEOGRAVEL
GRID FOR CONSOLIDATION OF GRAVEL SURFACES





- PARKING AREAS AND DRIVEWAYS
- WALKWAYS
- ACCESS AREAS FOR PEOPLE WITH DISABILITIES
- CYCLE PATHS
- PRIVATE AREAS

IDEAL FOR THE STABILIZATION OF DRAINING SURFACES IN GRAVEL. IT MAINTAINS THE DRAINING CAPACITY OF THE GROUND, IMPROVING ACCESS FOR WHEELED VEHICLES, INCLUDING BICYCLES AND WHEELCHAIRS.



PALLET cm 120 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
100 m²	2200 m²	757 m²	2050 m²

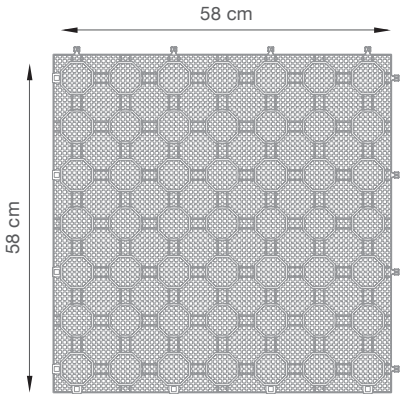
RESISTANT

PERMEABLE

SUB SOIL STABILITY

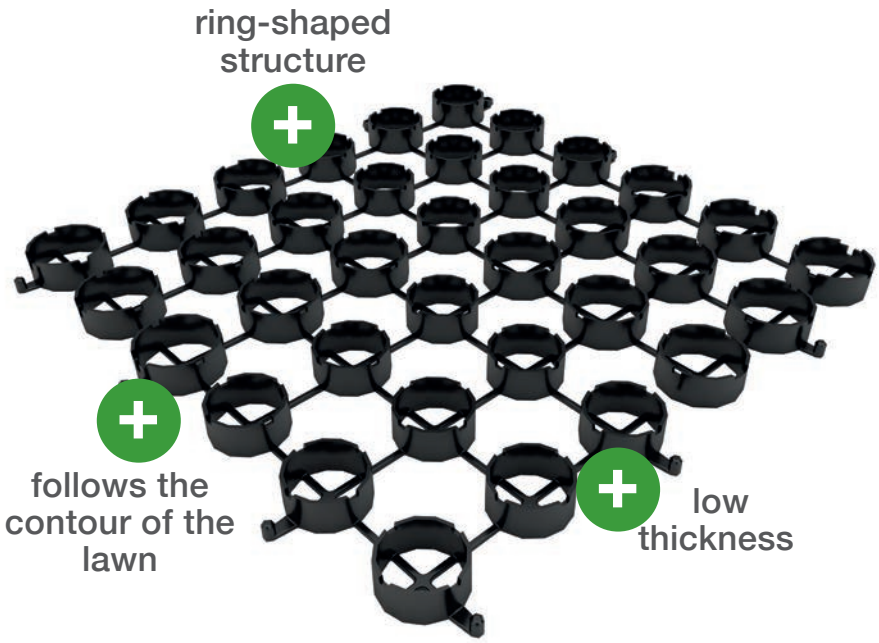
TECHNICAL DATA

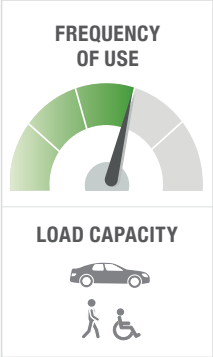
Dimensions (cm)	58 x 58 x H3
Piece weight (kg)	0.85
Material	Gralene HDVN (Polyethylene Compound)
Colour	White - Black
Load capacity (t/m²) (filled grid)	500
Permeability	61%
Packaging dim. (cm)	120 x 120 x H240
No. of pieces per pallet	300
m² per pallet	100



GEOGRASS

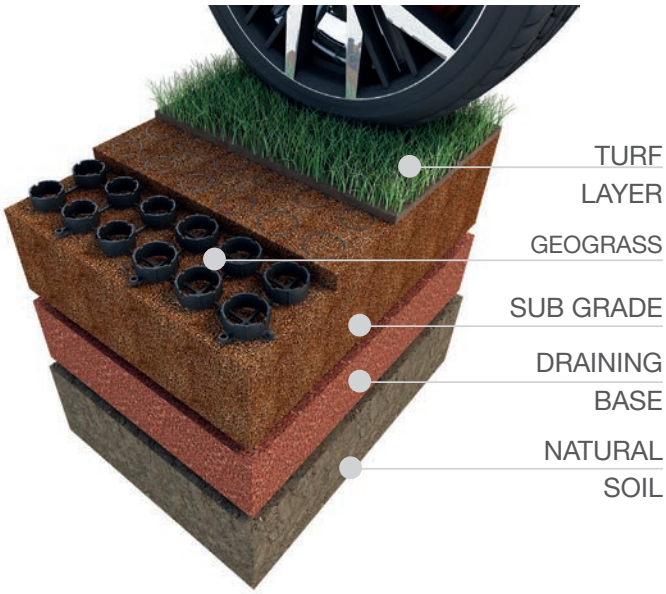
GRID FOR LAWN CONSOLIDATION





- CARPARKS AND PARKING AREAS
- AREAS FOR THE MANOEUVRE OR TRANSIT OF VEHICLES
- PEDESTRIAN AREAS AND WALKWAYS

GRID IN RECYCLED PLASTIC POLYMER, FOR THE CREATION OF GRASSED, DRAINING SURFACES USED FOR PARKING AND VEHICLE TRANSIT.

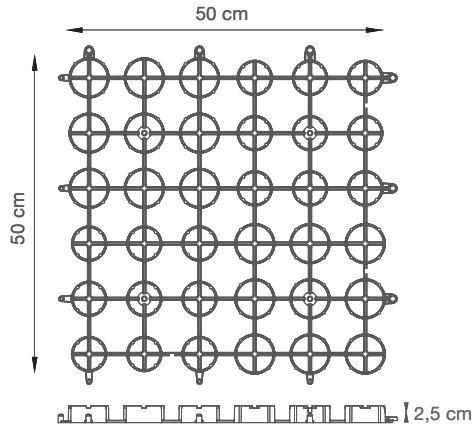


PALLET cm 120 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
200 m²	**5200 m²**	**2079 m²**	**4675 m²**

ELASTIC **RESISTANT** **IDEAL FOR LAWN ROLLS**

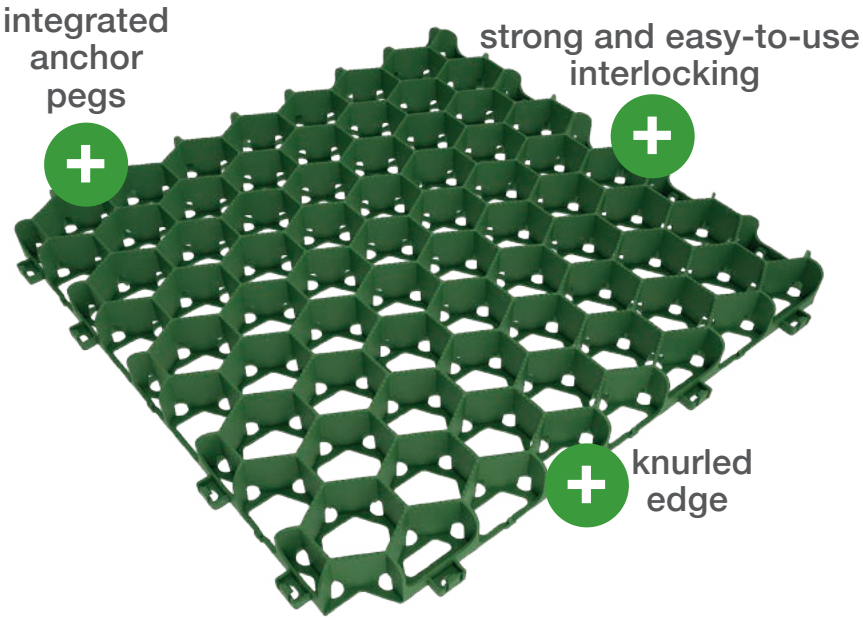
TECHNICAL DATA

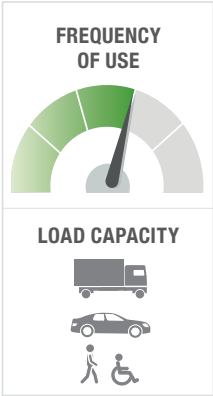
Dimensions (cm)	50 x 50 x H2.5
Piece weight (kg)	0.47
Material	Gralene HD (Recycled Polyethylene Compound)
Colour	Black
Load capacity (t/m²) (filled grid)	400
Permeability	99%
Packaging dim. (cm)	100 x 120 x H240
No. of pieces per pallet	800
m² per pallet	200



GEOGREEN

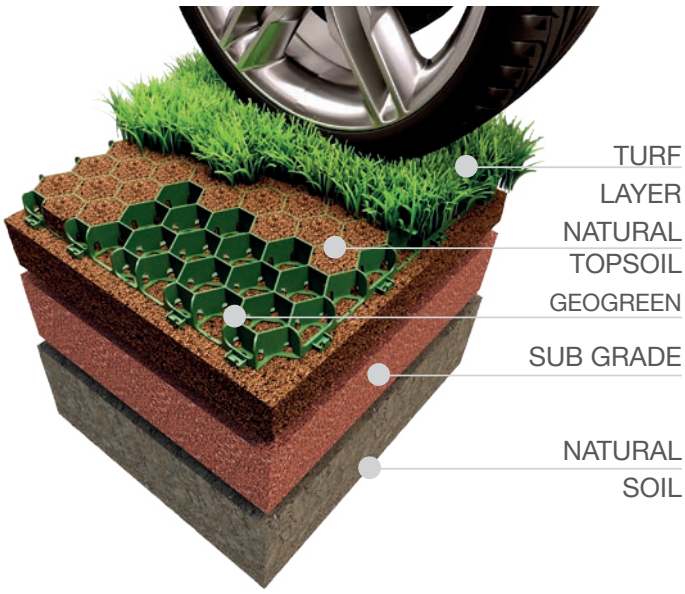
TURFED SURFACE FOR DRIVEWAYS AND PARKING AREAS





- GREEN PARKING AREAS
- REQUALIFICATION OF DRIVEABLE GREEN AREAS
- GREEN STOP AREAS
- GREEN WALKWAYS

GRID IN HIGH-DENSITY RECYCLED PLASTIC FOR THE CONSTRUCTION OF DRIVEABLE LAWNS. THE HONEYCOMB STRUCTURE OF THE CELLS ALLOWS THE GROWING OF TURF.

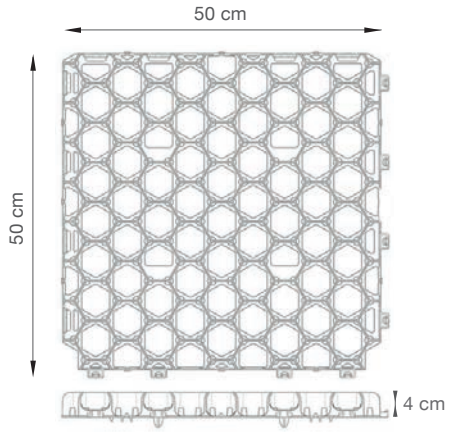


PALLET cm 120 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
60 m²	1560 m²	580 m²	1260 m²

RESISTANT PERMEABLE STABLE

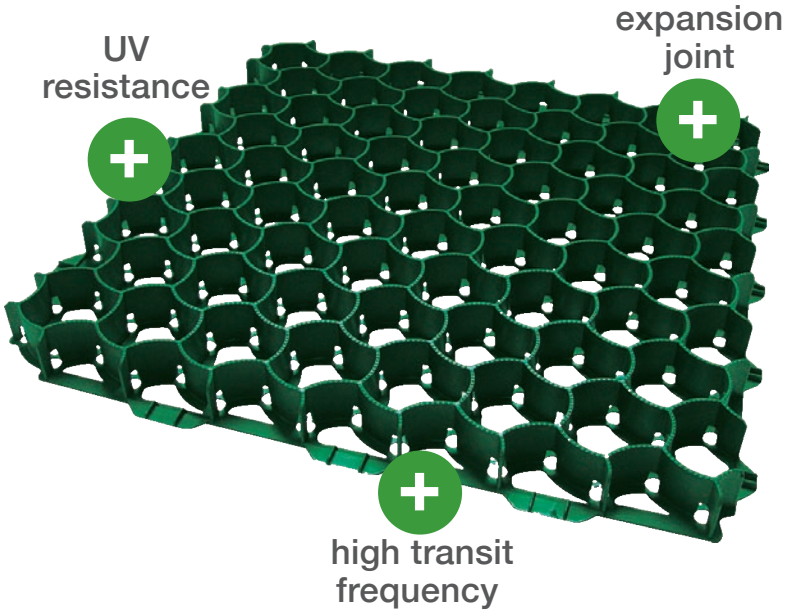
TECHNICAL DATA

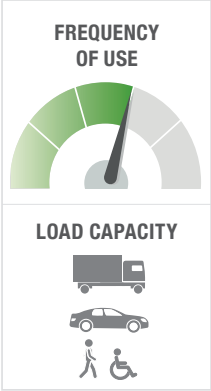
Dimensions (cm)	50 x 50 x H4
Piece weight (kg)	0.88
Material	Gralene HD (Recycled Polyethylene Compound)
Colour	Green - Black
Load capacity (t/m²) (filled grid)	350
Permeability	95%
Packaging dim. (cm)	100 x 120 x H230
No. of pieces per pallet	240
m² per pallet	60



SALVAVERDE

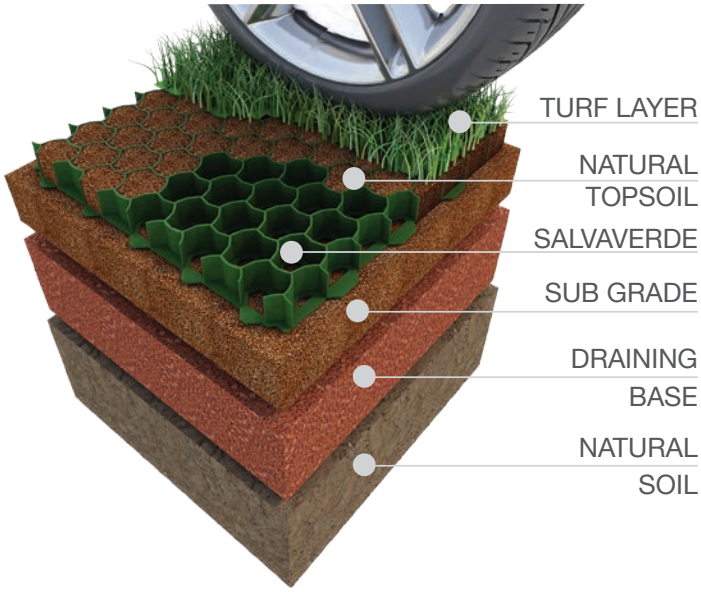
GRID FOR WALKABLE AND DRIVABLE GREEN AREAS





- ACCESS SURFACES FOR VEHICLES
- WALKWAYS
- PARKING AREAS
- CYCLE PATHS

GRID FOR THE COMPLETE PROTECTION OF THE TURF LAYER. IT IS IDEAL TO CREATE GREEN DRIVEWAYS, CARPARKS AND WALWAYS.

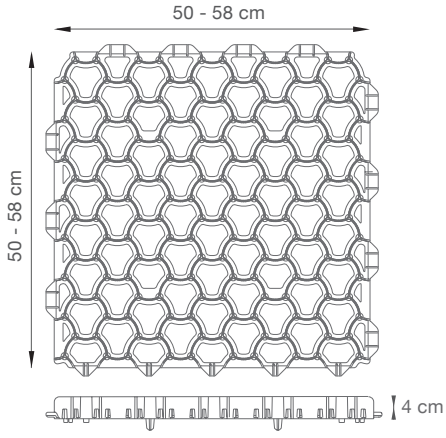


PALLET cm 120 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
SALVAVERDE A **60 m²**	SALVAVERDE A **1560 m²**	SALVAVERDE A **580 m²**	SALVAVERDE A **1260 m²**
SALVAVERDE B **75 m²**	SALVAVERDE B **1650 m²**	SALVAVERDE B **630 m²**	SALVAVERDE B **1495 m²**

RESISTANT **PERMEABLE** **STABLE**

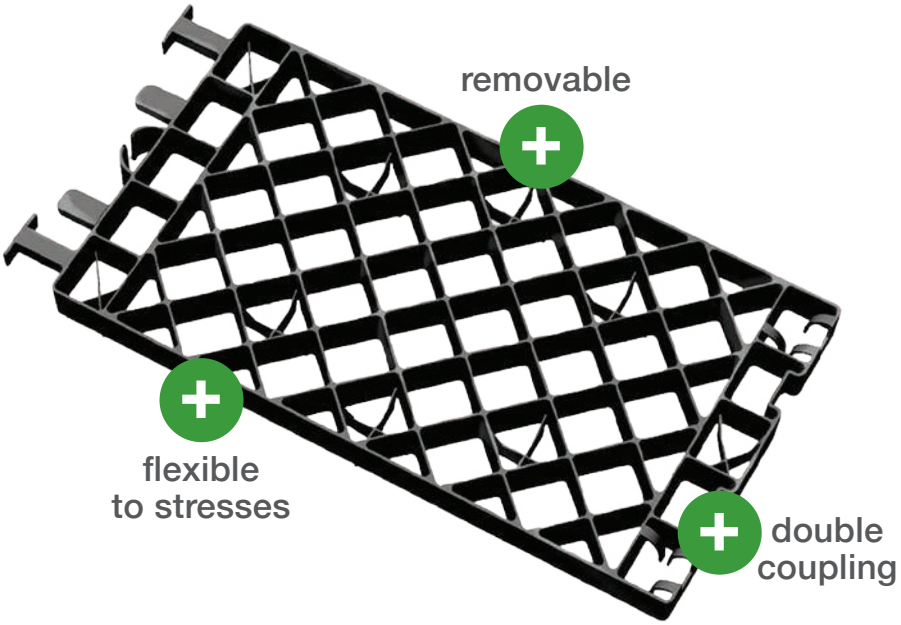
TECHNICAL DATA

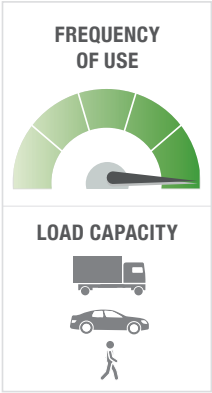
	SALVAVERDE A	SALVAVERDE B
Dimensions (cm)	50 x 50 x H4	58 x 58 x H4
Piece weight (kg)	0.92	1.22
Material	Gralene HD (Recycled Polyethylene Compound)	
Colour	Green - Grey	Green - Grey
Load capacity (t/m²) (filled grid)	350	350
Permeability	95%	95%
Packaging dim. (cm)	100 x 120 x H230	100 x 120 x H240
No. of pieces per pallet	240	225
m² per pallet	60	75



GEOROAD

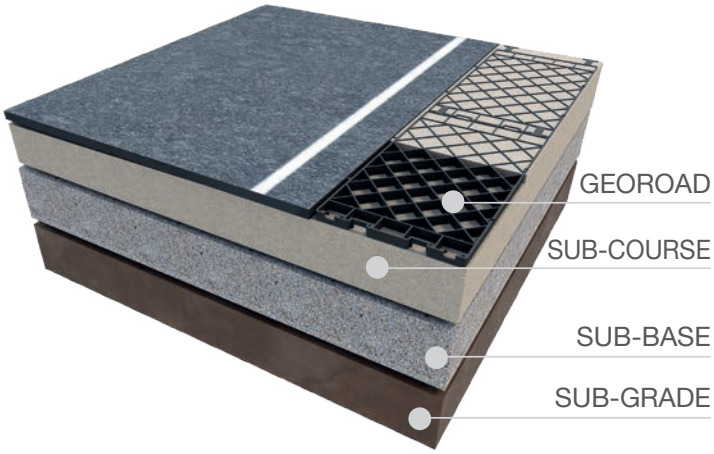
GRID FOR THE CONSOLIDATION OF ROAD EDGES





- ROUNDABOUT EDGES
- CYCLE PATHS
- ROAD BANKS
- SERVICE LANES

GRID IN RECYCLED POLYETHILENE FOR CONSOLIDATION OF ROAD BANKS. THE RHOMBOID STRUCTURE SIGNIFICANTLY REDUCES THE LATERAL THRUSTS CAUSED BY THE TRANSITING OF VEHICLES.

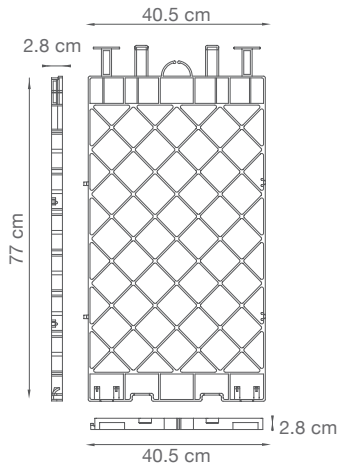


PALLET cm 83 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
74,85 m²	**2395 m²**	**1042 m²**	**2050 m²**

ELASTIC | **EASY TO HANDLE** | **MAXIMUM LOAD-BEARING CAPACITY**

TECHNICAL DATA

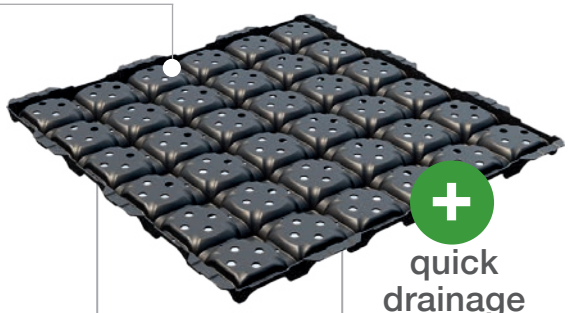
Dimensions (cm)	77 x 40,5 x H2,8
Piece weight (kg)	1.16
Material	Gralene LD (Recycled Polyethylene Compound)
Colour	Nero
Load capacity (t/m²) (filled grid)	500
Permeability	95%
Packaging dim. (cm)	83 x 120 x H240
No. of pieces per pallet	240
m² per pallet	74.85



DRAINROOF

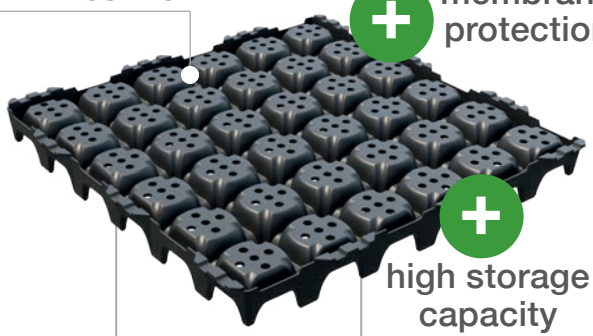
GREEN ROOF DRAINAGE PANEL

DRAINROOF H2,5



quick drainage

DRAINROOF H6



membrane protection

high storage capacity

EXTENSIVE SEDUM

EXTENSIVE SEDUM PLUS

SEMI INTENSIVE

INTENSIVE

✔ **INTENSIVE AND EXTENSIVE ROOF GARDENS**

DRAINROOF IS THE SYSTEM OF DRAINAGE AND ACCUMULATION FOR EXTENSIVE SEDUM GREEN ROOFS. IT IS SPECIFICALLY DESIGNED FOR A SAFE INSTALLATION WHICH DOES NOT DAMAGE THE WATERPROOFING SYSTEM AND GUARANTEES GROWTH OF THE VEGETATION.

PERFORMANCES	ESXTENSIVE SEDUM	ESXTENSIVE SEDUM PLUS	SEMI INTENSIVE	INTENSIVE
Substrate thickness (cm)	8	8	15	20
System thickness (cm)	12	16	20	28
Height of vegetation (cm)	6-12	6-12	10-20	15-90
Weight saturated (kg/m²)	120	130	160-180	> 200
Water accumulation capacity (l/m²)	35-40	40-50	70	100
Outflow coefficient	0.45	0.45	0.3	0.20-0.25

PALLET cm 105 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
DRAINROOF H2.5 360 m²	DRAINROOF H2.5 8640 m²	DRAINROOF H2.5 3500 m²	DRAINROOF H2.5 8400 m²
DRAINROOF H6 180 m²	DRAINROOF H6 4320 m²	DRAINROOF H6 1680 m²	DRAINROOF H6 4300 m²

FAST INSTALLATION

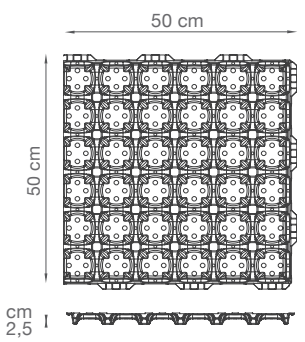
THERMAL INSULATION

WATER DRAINAGE

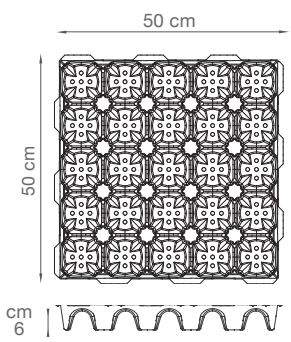
TECHNICAL DATA

	DRAINROOF H2.5	DRAINROOF H6
Dimensions (cm)	50 x 50 x H2.5	50 x 50 x H6
Piece weight (kg)	0.54	0.84
Material	Graplene (Recycled Polypropylene Compound)	
Colour	Black	Black
Water reserve (L)	1.32	7.0
Compression resistance (t/m²)	3.2	6.0
Packaging dim. (cm)	105 x 120 x H230	105 x 120 x H240
No. of pieces per pallet	1440	720
m² per pallet	360	180

DRAINROOF H2.5

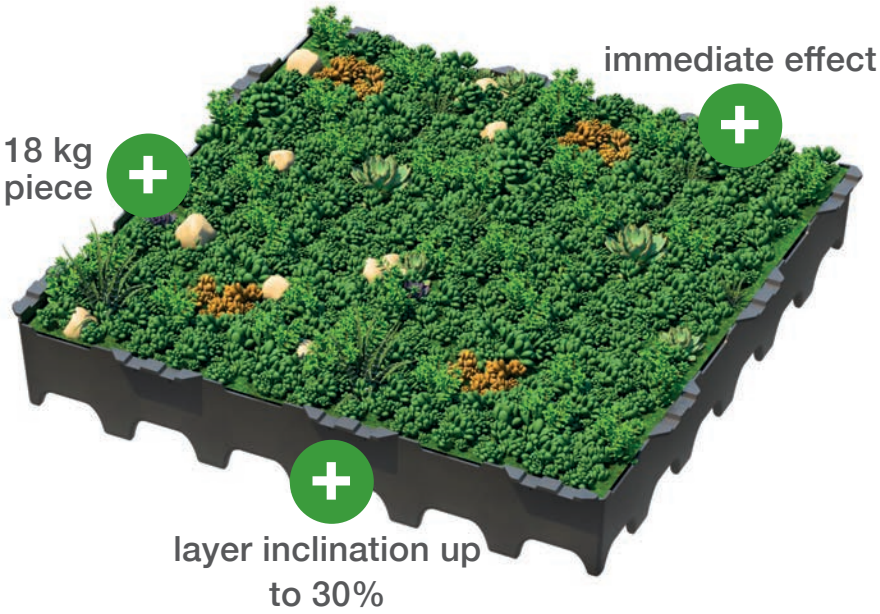


DRAINROOF H6



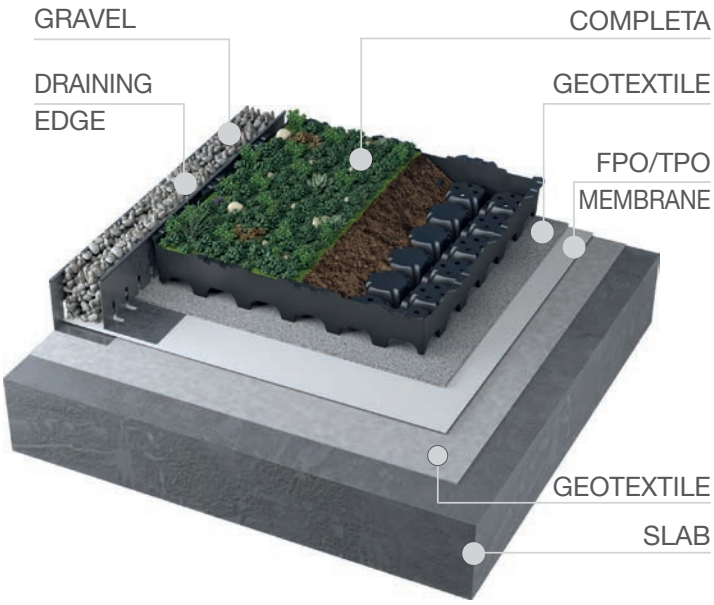
COMPLETA

MODULAR PRE-VEGETATED SEDUM TRAY



- TERRACES
- GARAGES
- SCHOOL BUILDINGS
- SUPERMARKETS
- RETAIL AND MEGASTORE

PRE-VEGETATED SYSTEM FOR THE CREATION OF EXTENSIVE GREEN ROOFS IN SEDUM. IT ENSURES THE ACCUMULATION AND THE DRAINAGE OF RAINWATER WHILE SLOWING DOWN THE OUTFLOW (RUN OFF).



PALLET cm 110 x 125	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
210 m²	5040 m²	1600 m²	4000 m²

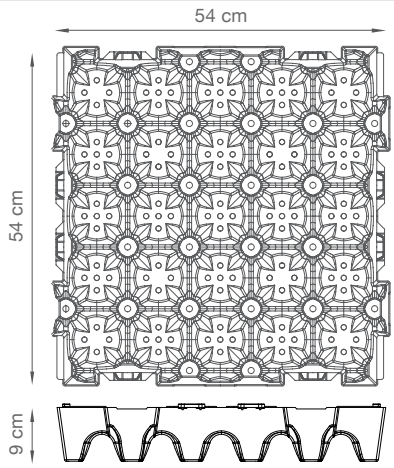
MODULAR

DIY

LOW MAINTENANCE

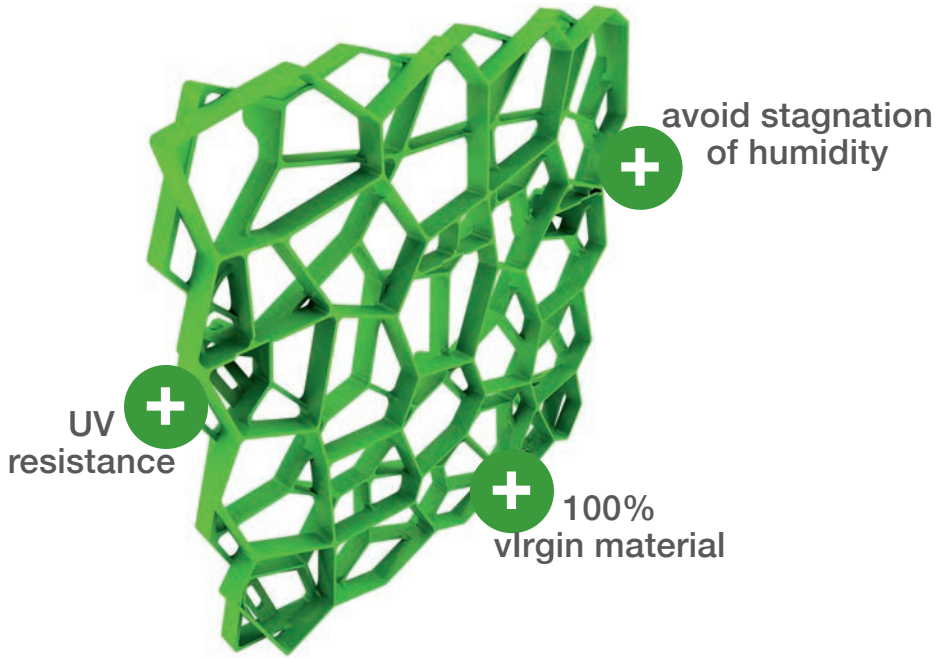
TECHNICAL DATA

Dimensions (cm)	54 x 54 x H9
Piece weight (kg)	1.02
Material	Graplene (Recycled Polypropylene Compound)
Colour	Black
Water reserve (L)	20
Compression resistance (t/m²)	6
Packaging dim. (cm)	110 x 125 x H240
No. of pieces per pallet	720
m² per pallet	210



WALL-Y

GRID FOR THE CREATION OF VERTICAL GREEN WALLS



- WALLS AND VERTICAL GREEN
- GREEN SPACES DIVIDERS
- POT CLIMBING PLANTS
- DECORATIVE ELEMENT FOR WALLS
- INTERIOR SPACE DIVIDERS

ELEMENT OF DESIGN, DESIGNED FOR THE CREATION OF GREEN VERTICAL WALLS. RESISTANT TO WEATHER. IT IMPROVES THE ENERGY PERFORMANCES OF BUILDINGS AND IT MAKES THEM MORE PLEASANT AESTHETICALLY.

PALLET cm 83 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
60 m²	1320 m²	459 m²	1100 m²

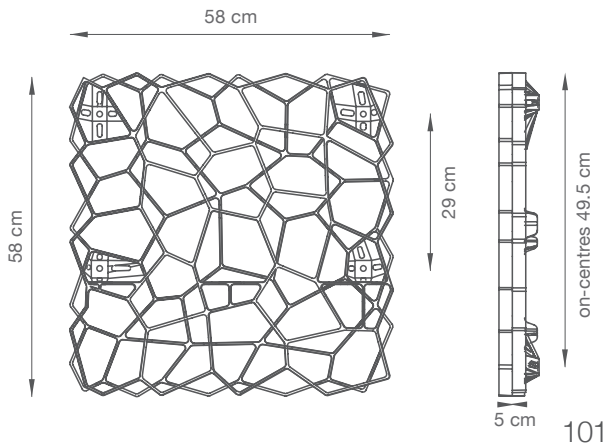
MODULAR

FURNISHING ELEMENT

ENERGY HIGH EFFICIENCY

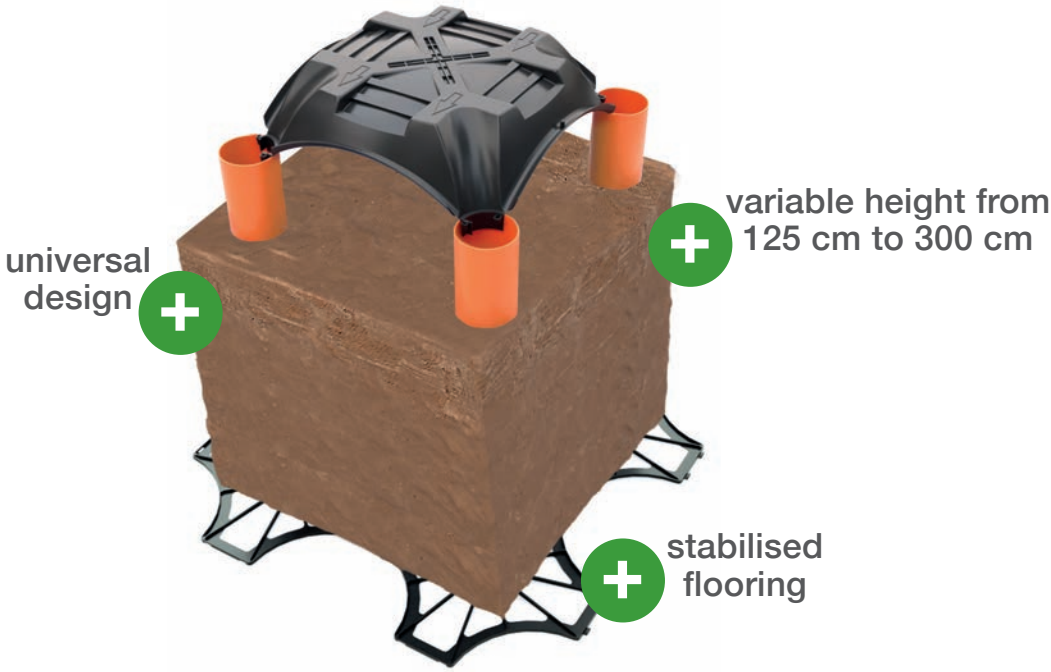
TECHNICAL DATA

Dimensions (cm)	58 x 58 x H7.5
Piece weight (kg)	1.47
Material	Gralene HDVN (Polyethylene Compound)
Colour	Green - White
Wall thicknesses (cm)	0.5
Fixing dowels / grid	4x Ø8 mm
Packaging dim. (cm)	120 x 120 x H240
Number of pieces	180
m² per pallet	60



ELEVETOR ROOT

HIGH LOAD-BEARING SOIL CELL FOR THE HOUSING OF TREES AND VEGETATION



- ROADSIDE TREES
- SQUARES AND PAVEMENTS
- CYCLE PATHS

THE ELEVETOR ROOT PERMANENT FORMWORK ALLOWS TO CREATE GREEN AREAS IN URBAN CONTEXT BY PROTECTING THE ROOT SYSTEM OF TREES AND BUSHES.

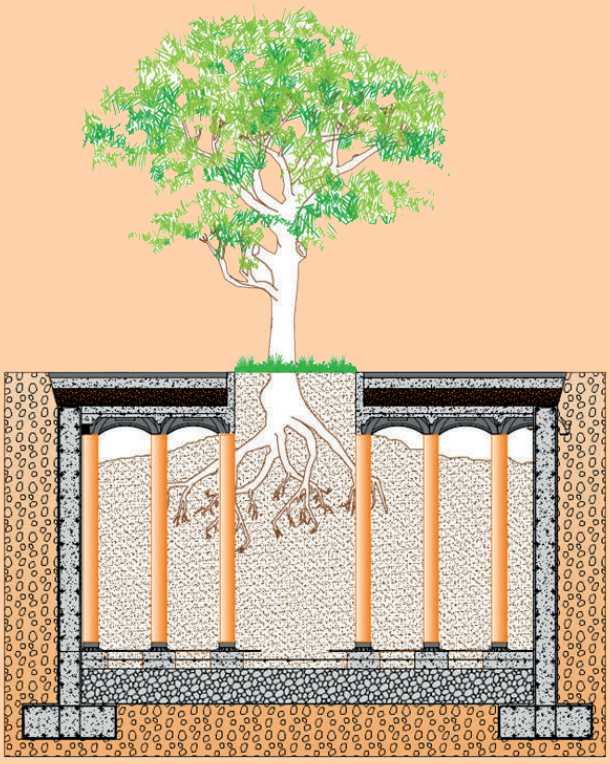
THE ASSEMBLED SYSTEM FORMS A SERIES OF DOMES AND PILLARS IN CONCRETE WHICH CAN SUPPORT HIGH LOADS, EVEN TRAFFIC RELATED.

PALLET cm 110 x 125	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
75 m²	5040 m²	1600 m²	4000 m²

PREVENTS SOIL COMPACTION

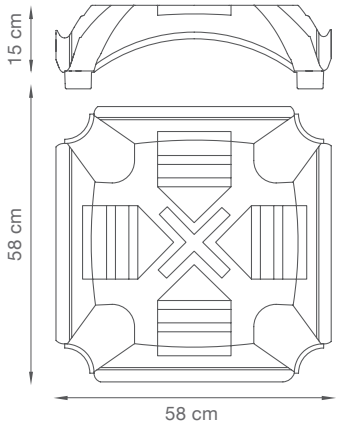
IMPROVES THE LIFE OF THE TREE

HIGHLOAD CAPACITY



TECHNICAL DATA

Dimensions (cm)	58 x 58 x H15
Piece weight (kg)	1.43
Material	Graplene (Recycled Polypropylene Compound)
Colour	Nero
Water reserve	20
Compression resistance (t/m²)	6
Packaging dim. (cm)	120 x 120 x H265
No. of pcs. per pallet (formwork element)	225
m² per pallet	75

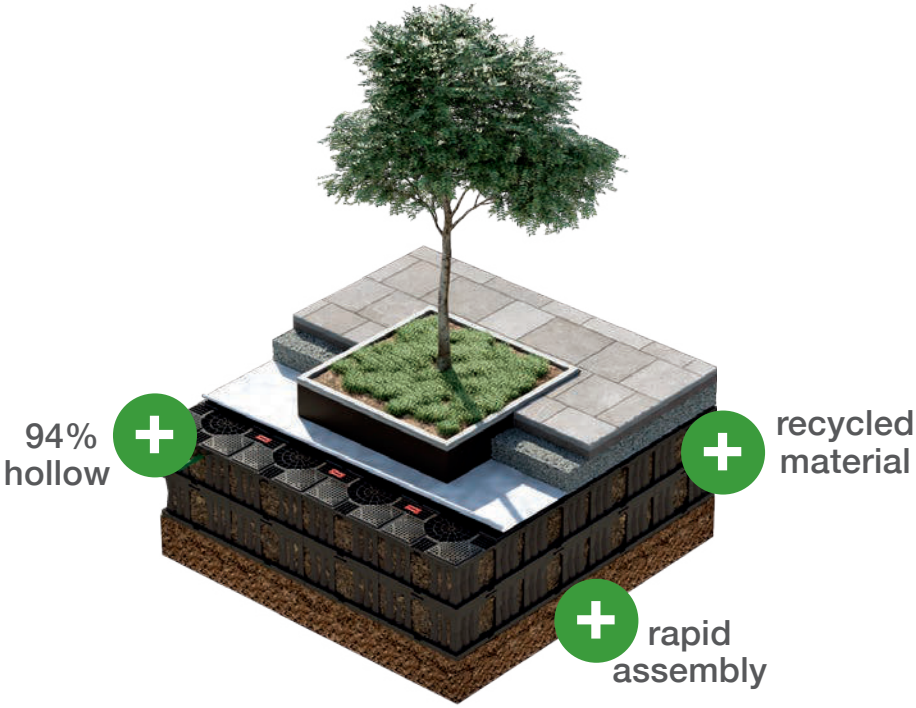


QUATRO BASE

GREEN

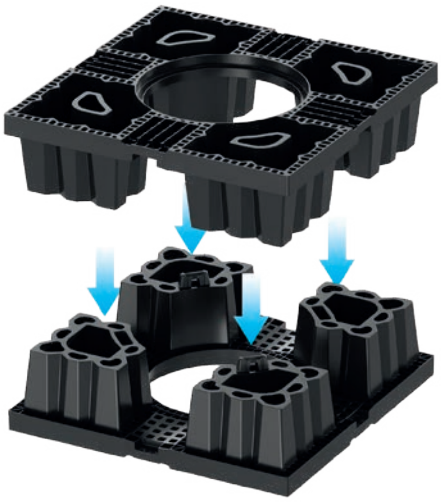
ROOTBOX

TREES ROOTS PROTECTION SYSTEM FOR URBAN ENVIRONMENT



- ROADSIDE TREES
- SQUARES AND PAVIMENTS
- CYCLE PATHS

MODULES FOR THE PROTECTION OF TREES ROOT SYSTEMS IN ROAD-SIDES, AVENUES, CYCLE PATHS AND PUBLIC SQUARES. THEY ARE CHARACTERIZED BY EASE OF INSTALLATION AND HIGH LOAD BEARING PERFORMANCE.

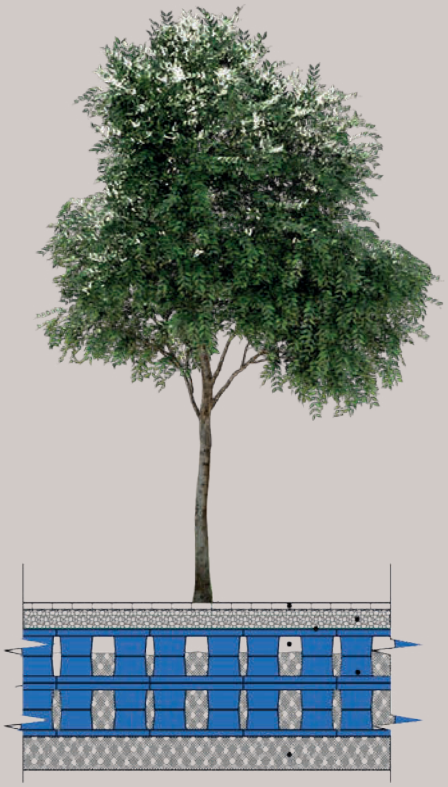


PALLET cm 80 x 152	TRUCK (13,6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
9,5 m³	**212 m³**	**64 m³**	**173 m³**

MODULAR

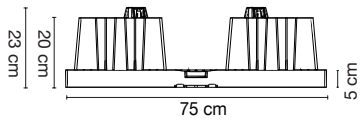
HONEYCOMB VOLUME

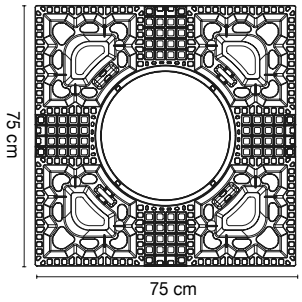
HIGH STRENGTH



TECHNICAL DATA

Dimensions (cm)	75 x 75 x H23
Piece weight (kg)	7.37
Material	Graplene (Recycled Polypropylene Compound)
Colour	Black
Water reserve (l/m³)	575
Compression resistance (t/m²)	6
Packaging dim. (cm)	80 x 152 x H250
No. of pieces per pallet	88
m³ per pallet	9.5

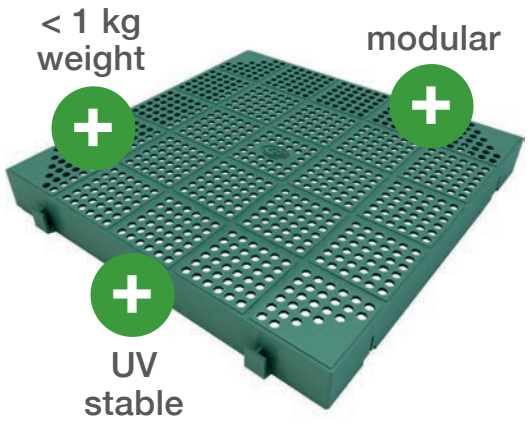




GREEN

PLASTONELLA

DRAINING AND MODULAR OUTDOOR FLOORING



- SWIMMING POOL AND SHOWER EDGES
- CONCERTS AND EVENTS
- TERRACES AND PEDESTRIAN ROUTES

WATER BUTTS

RAINWATER BUTTS IDEAL FOR GARDENING

- RAINWATER HARVESTING

PLANTERS

CONTAINERS FOR GARDENING AND FLOWER NURSERY

✔ FLORICOLTURE AND NURSERY

DEMETRA POTS

CONTAINERS FOR GARDENING AND FLOWER NURSERY

prevents spiralisation
of the roots

✔ FLORICOLTURE AND NURSERY

REFERENCES

RUNFLOOR - CAR PARK AND EXTERNAL SURFACES, LIDL, BRESCIA, ITALY

The carpark and the exterior surfaces of the supermarket were paved with Runfloor, the high-strength grid for drive-over green areas. It guarantees high holding performance and elasticity even when steering.

GEOGRAVEL - ANDRÉZIEUX-BOUTHÉON, FRANCE

Geogravel was chosen to stabilise the gravel surfaces around this historic building. It provides comfortable access for cars and pedestrians while reducing the need of maintenance.
The aesthetics of the paths in the architectural context of the site were maintaned.

REFERENCES

SALVAVERDE - HOTEL VILLA TACCHI, PADUA, ITALY

The car park at Villa Tacchi, a prestigious hotel in the province of Padua, was created with Salvaverde. It delivered an excellent performance and maintained the permeability of the grass surface while remaining virtually invisible, one of the key requirements of the project.

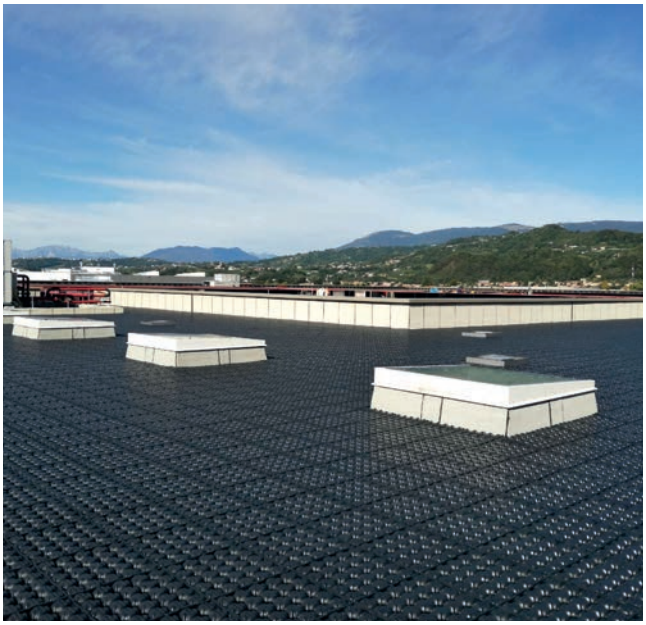
GEOFLOR - CAMPO DEI MIRACOLI, PISA, ITALY

Geoflor was installed to protect the lawn at the feet of the famous leaning tower. This allowed members of the public to take advantage of the green space without causing damage to the grass.

REFERENCES

DRAINROOF H6 - VIMAR LOGISTICS HUB, VICENZA, ITALY

Our extensive sedum package was placed on the flat roof of 7,000 m², guaranteeing excellent management of rainwater and the rapid drainage of water towards the collection wells at the same time.



DRAINROOF H6 - HOSPITAL, VENICE, ITALY

Drainroof was chosen to ensure the perfect protection of the waterproofing membrane of the roofs, the correct accumulation of water and the right drainage. The roof garden was vegetated with sedum which demostrated excellent growth already the year after sowing.

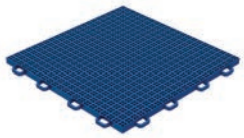
REFERENCES

COMPLETA - COMPANY BUILDING, POLAND

A bio-architecture project in which the roof garden serves as an element of integration between the surrounding contryside and the hyper-urbanised context of the airport.

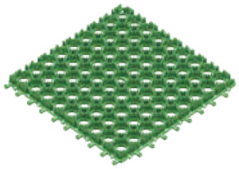
COMPLETA - SUPERMERKET, BOLOGNA, ITALY

The Completa pre-vegetated tray is the quickest way to create a stable and well-rooted extensive green roof. For this reason it is a preferred choice of designers who place particular emphasis on the quality of the project.



GRIPPER

Multi-purpose surface for a variety of sports in full safety and comfort.

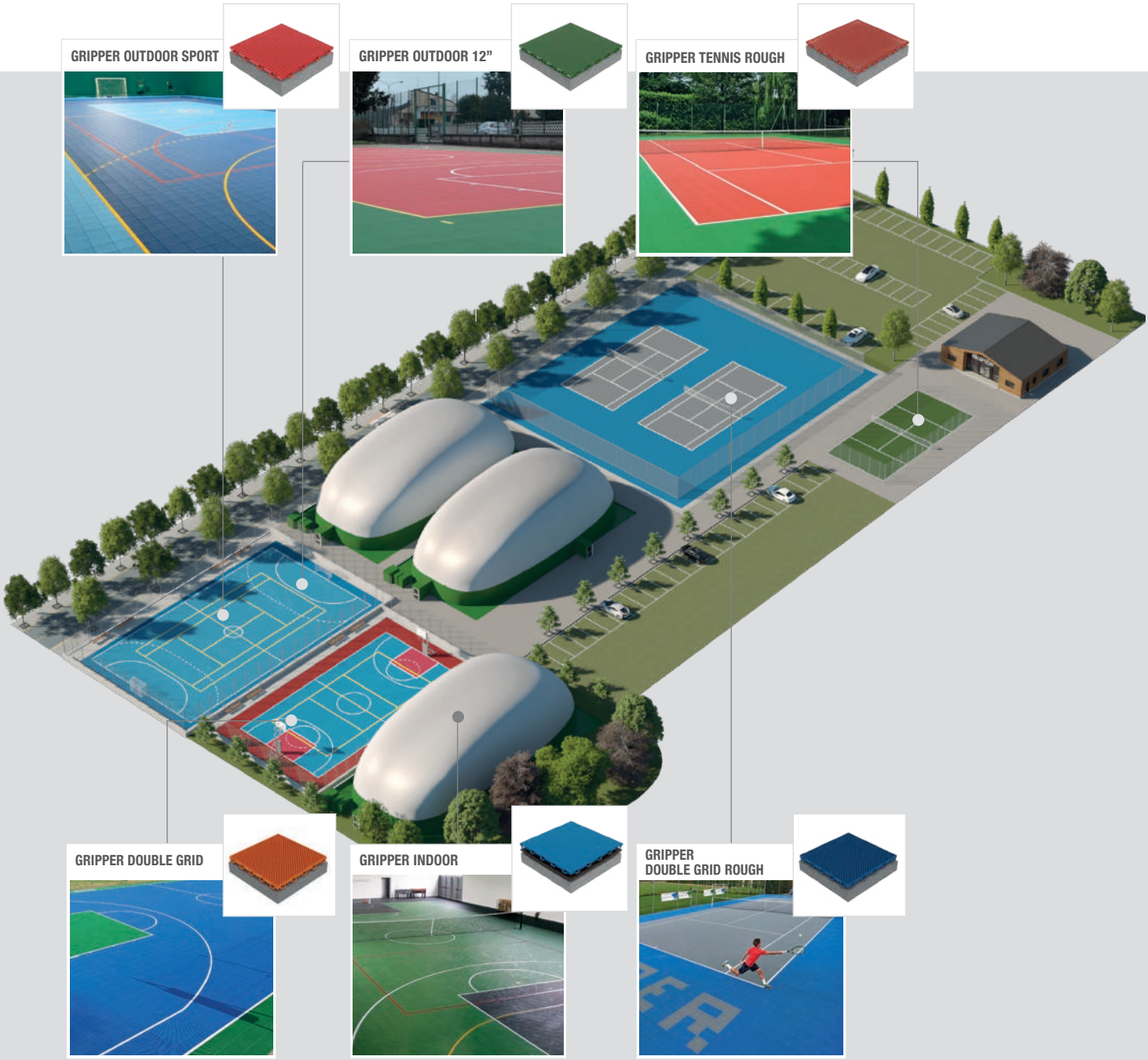


GEOSKI

High performance polyethylene surface for year-round winter sports.

RUNFLOOR HORSES

High performance paver for the stabilisation and consolidation of equestrian ground.

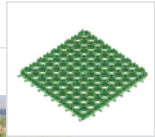


SPORT

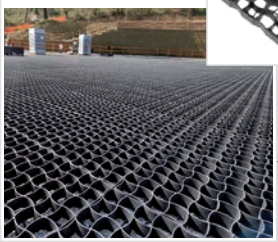
We strongly believe that sport plays a fundamental role in the growth and development of a healthy society. This idea motivated us to contribute effectively with our solutions in order to make sports accessible for as many people as possible. Use of recyclable plastic, easy and fast installation, high comfort performances, durability: these are the characteristics of each of our sport surfaces.

GEOSKI

GEOSKI TUBING

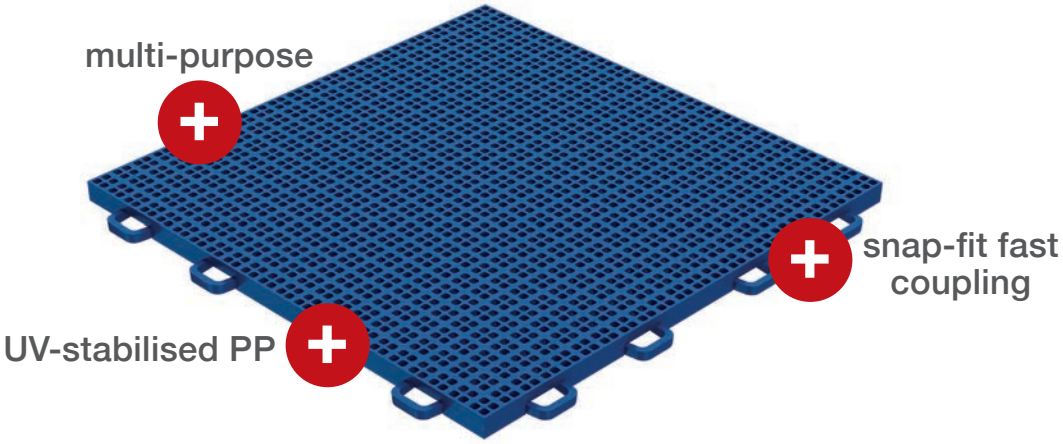


RUNFLOOR PFERDE

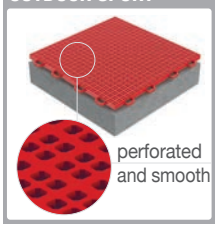


GRIPPER

FLOORING MADE OF RECYCLABLE PLASTIC

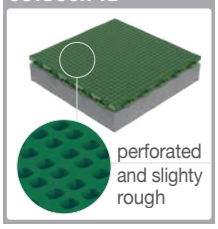


GRIPPER OUTDOOR SPORT



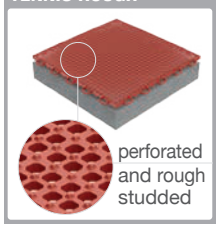
- BASKETBALL
- 5-A-SIDE-FOOTBALL
- VOLLEYBALL
- FITNESS
- HANDBALL
- DANCING

GRIPPER OUTDOOR 12”



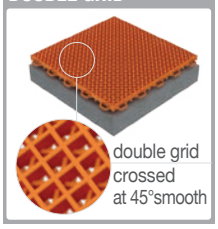
- BASKETBALL
- 5-A-SIDE-FOOTBALL
- TENNIS
- HOCKEY
- FITNESS
- HANDBALL
- SKATING

GRIPPER TENNIS ROUGH



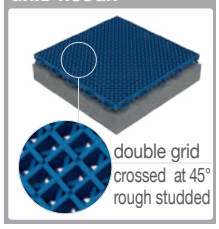
- TENNIS

GRIPPER DOUBLE GRID



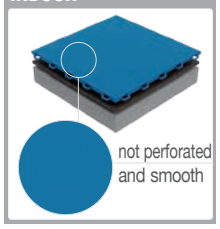
- BASKETBALL
- 5-A-SIDE-FOOTBALL
- TENNIS
- HOCKEY
- VOLLEYBALL
- FITNESS
- HANDBALL
- SKATING

GRIPPER DOUBLE GRID ROUGH



- TENNIS

GRIPPER INDOOR



- BASKETBALL
- 5-A-SIDE-FOOTBALL
- HOCKEY
- VOLLEYBALL
- FITNESS
- HANDBALL
- SKATING
- DANCING

THE GRIPPER SPORTS FLOORING TILE IS DESIGNED TO ENSURE SAFETY, COMFORT AND HIGH PERFORMANCE IN A VARIETY OF DISCIPLINES. IT IS IDEAL FOR BOTH PERMANENT AND TEMPORARY COURTS, OUTDOOR COURTS AND INDOOR FACILITY FLOORING.

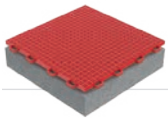
EASY INSTALLATION

COMFORT

MULTI-SPORT

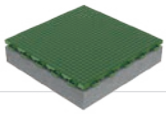
TECHNICAL DATA

Material	Graplene VNP (Polypropylene Compound)



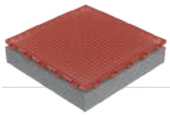
OUTDOOR SPORT

Size	25 x 25 x H 1 cm (16 pcs./ m²)
Weight	3.04 kg/m²
Surface finishing	Perforated and smooth
Packaging size	80 x 120 x H 170 cm - 112.5 m²
Shock absorption	6%
Friction	65



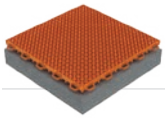
OUTDOOR 12”

Size	30.5 x 30.5 x H 1.2 cm (10.75 pcs./ m²)
Weight	3.76 kg/m²
Surface finishing	Perforated slightly rough
Packaging size	100 x 120 x H 170 cm - 140 m²
Shock absorption	10%
Friction	96



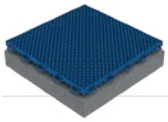
TENNIS ROUGH

Size	30.5 x 30.5 x H 1.2 cm (10.75 pcs./ m²)
Weight	3.98 kg/m²
Surface finishing	Perforated and rough studded
Packaging size	100 x 120 x H 170 cm - 140 m²
Shock absorption	10%
Friction	100



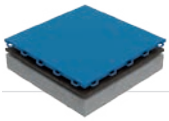
DOUBLE GRID

Size	30.5 x 30.5 x H 1.5 cm (10.75 pcs./ m²)
Weight	3.23 kg/m²
Surface finishing	Double grid cross at 45° smooth
Packaging size	100 x 120 x H 210 cm - 140 m²
Shock absorption	16%
Friction	101



DOUBLE GRID ROUGH

Size	30.5 x 30.5 x H 1.5 cm (10.75 pcs./ m²)
Weight	3.23 kg/m²
Surface finishing	Double grid crossed at 45° rough studded
Packaging size	100 x 120 x H 210 cm - 140 m²
Shock absorption	16%
Friction	106

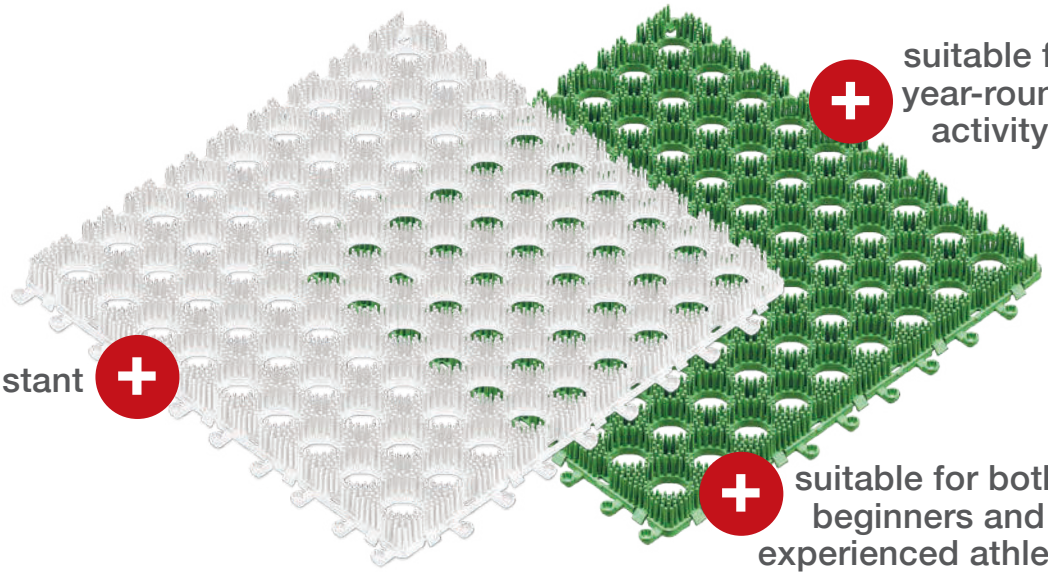


INDOOR

Size	33.3 x 33.3 x H 1 cm (9 pcs./ m²)
Weight	4.95 kg/m²
Surface finishing	Non perforated and smooth
Packaging size	105 x 105 x H 120 cm - 100 m²
Shock absorption	30% with Geocomfort
Friction	82

GEOSKI

WINTER SPORT SURFACE MADE OF HIGH-PERFORMANCE POLYETHYLENE



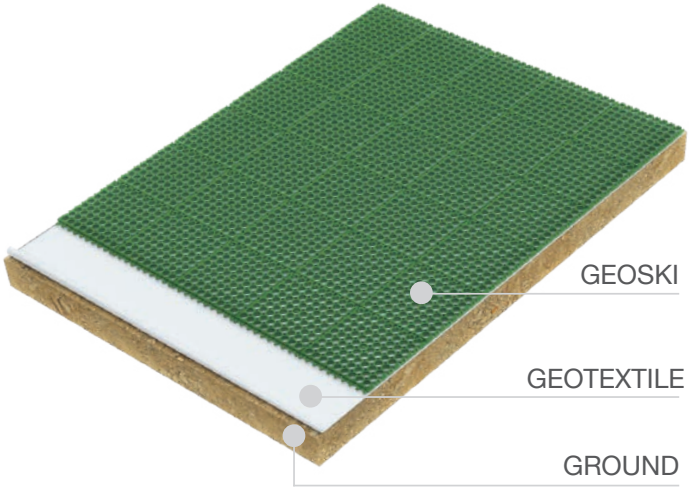
suitable for year-round activity

UV-resistant

suitable for both beginners and experienced athletes

- FOR COMPETITION AND TRAINING SLOPES
- STREET PARK AND SNOW-TUBING
- LIFT AREAS

REVOLUTIONARY SYNTHETIC SURFACE TO PRACTICE WINTER SPORTS 365 DAYS A YEAR, EVEN IN THE ABSENCE OF SNOW. IT IS SUITABLE FOR THE CREATION OF HIGH SLOPES.



PALLET cm 80 x 120	TRUCK (13.6 m)	CONTAINER 20' BOX	CONTAINER 40' HC
50 m²	1600 m²	715 m²	1495 m²

INNOVATIVE

ECO-FRIENDLY

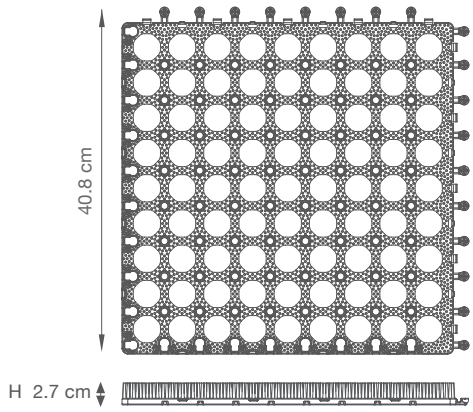
THERMAL EXPANSIONS

TECHNICAL DATA

Dimensions (cm)	40.8 x 40.8 x H2.7
Weight (kg/m²)	5.3
Material	Gralene HDSK (Polyethylene Compound)
Packaging dim. (cm)	80 x 120 x H155
Packaging (m²)	50
No. of pieces per pallet	300
Standard colours	

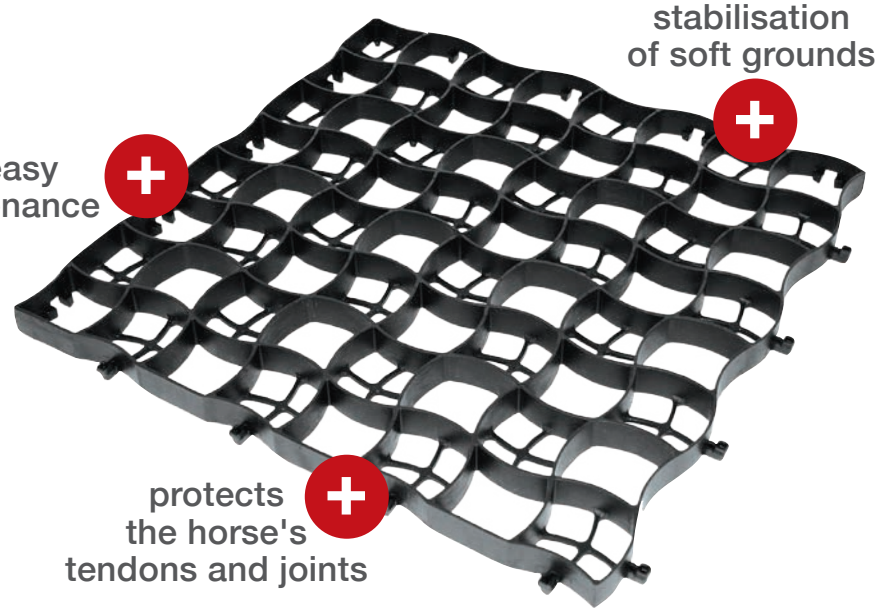
Leaf Green (RAL 6002) | White (Neutro) | Royal Blue (RAL 5010) | Traffic Red (RAL 3020) | Orange (RAL 2008)

Customized on request



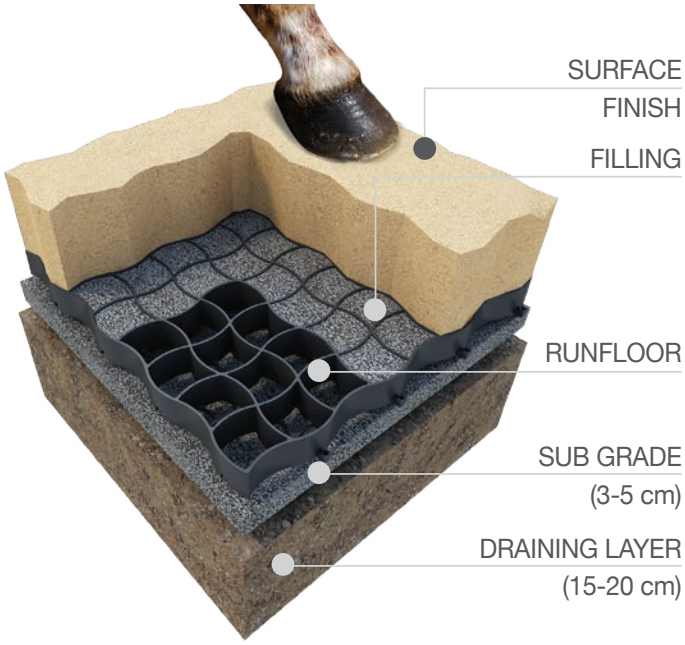
RUNFLOOR HORSES

HIGH PERFORMANCE PAVER FOR EQUESTRIAN SURFACES



- CONSOLIDATION OF RIDING TRACKS
- TRAINING CIRCUITS
- CONSOLIDATION OF INDOOR OR OUTDOOR RIDING SURFACES
- PADDOCK AND ARENAS
- CAROUSELS FOR HORSES
- FENCE, STABLES ACCESS TO THE PASTURE

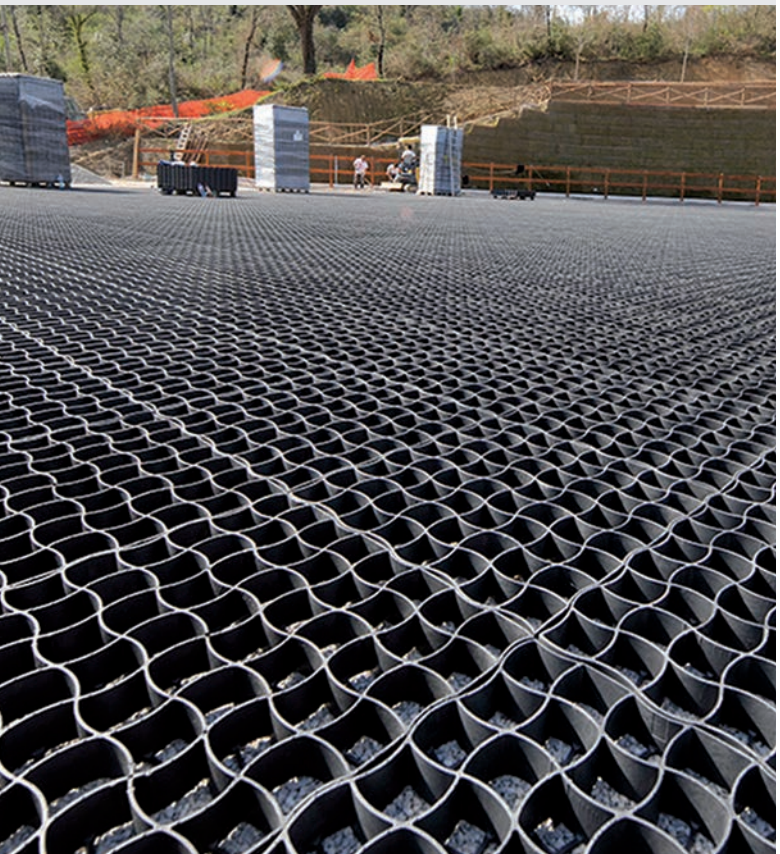
THE RUNFLOOR PAVER IS USED TO CONSOLIDATE AND KEEP DRY THE AREAS TRODDEN ANIMALS, PRESERVING THEIR REST AREAS, TRAINING AREAS AND COVERED ENCLOSURES.



ELASTIC

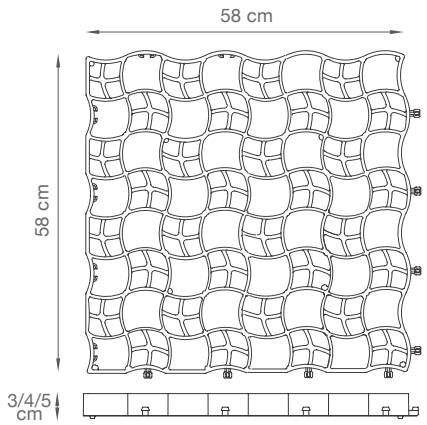
SAFE

PERMEABLE



TECHNICAL DATA

	RUNFLOOR F03	RUNFLOOR F04	RUNFLOOR F05	RUNFLOOR S05
Dimensions (cm)	58 x 58 x H3	58 x 58 x H4	58 x 58 x H5	40.8 x 40.8 x H5
Material	Gralene HD (Recycled Polyethylene Compound)			
Wall thickness (mm)	4	4	4	5
Load capacity (t/m²)	400	400	500	600
Weight per piece (kg)	1.29	1.67	1.92	1.19
Packaging dim. (cm)	120 x 120 x H240	120 x 120 x H242	120 x 120 x H240	85 x 125 x H235
No. of pieces per pallet	300	228	180	270
m² per pallet	100	76	60	45
Permeability	89%	89%	89%	83%



REFERENCES

GRIPPER - MULTIPURPOSE FIELDFEUERSTEIN-ARENA, WERNINGERODE, GERMANY

Gripper was used to equip the covered multi-purpose field of the Feuerstein arena for Summer entertainment.

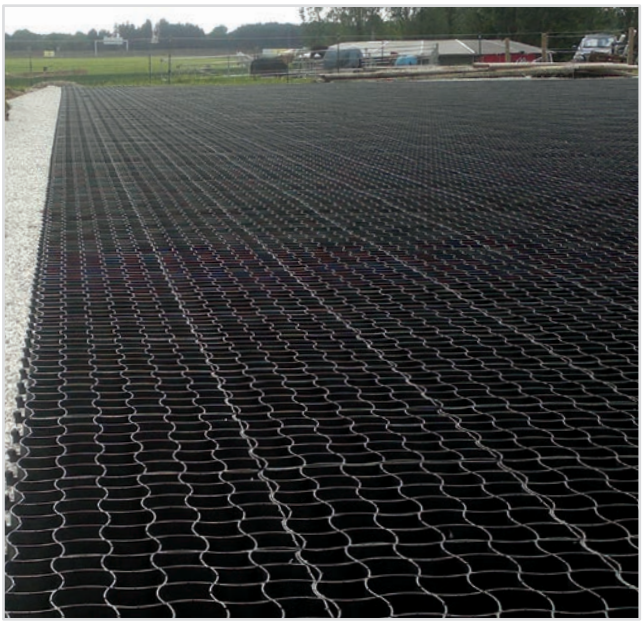
GRIPPER - BASKETBALL COURT, BCEAO, DAKAR, SENEGAL

The Gripper sports flooring withstands high temperatures, is UV-resistant and is installed in just a few hours.

REFERENCES

RUNFLOOR - RIDING SCHOOL, EBERSTALZELL, AUSTRIA

The non-slip surface, the high stability and compressive strength of the grid ensure maximum safety and stability of the horses.



GEOSKI - FLY LAND, MIDDLE EAST

Geoski was installed during the construction of the new Tubing track in the Fly Land amusement park.

GEOPLAST INTERNATIONAL

BRANCHES - A NETWORK OF 60 DISTRIBUTORS

Geoplast
Building beyond together

Headquarter:
Geoplast S.p.A.

Via Martiri della Libertà, 6/8
35010 Grantorto (PD)
Tel +39 049 9490289
Fax +39 049 9494028

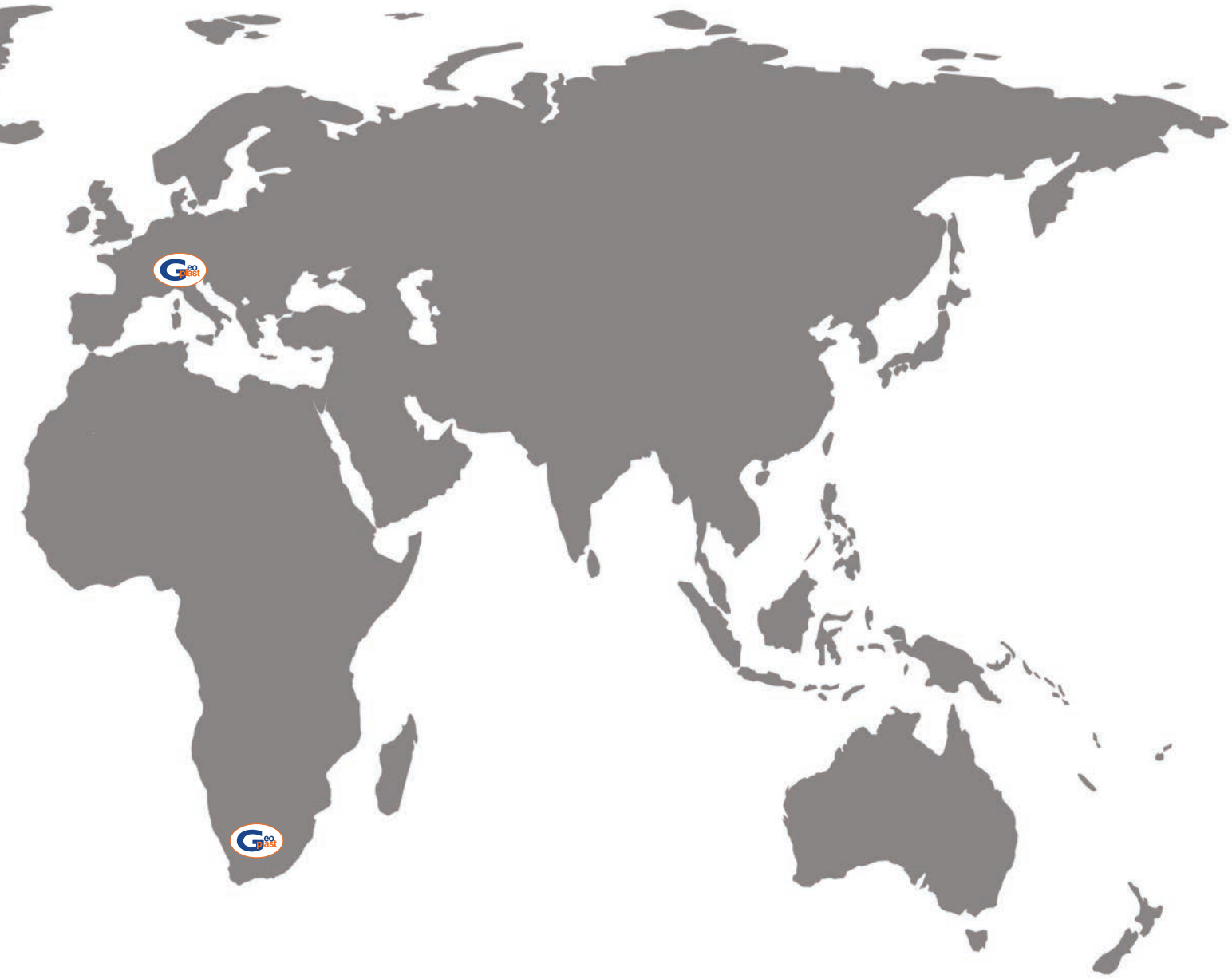
Geoplast U.S. Corp

2900 NW 112th AVE.
Unit 1, suite E-12
33172 DORAL (Miami), FL
Tel +1 (786) 216 1565

Geoplast South Africa

Potsdam Rd,
Milnerton Rural,
7441 CAPE TOWN, South Africa
Tel +27 (21) 556 8488

ALBANIA
ALGERIA
ANGOLA
ARGENTINA
AUSTRALIA
AUSTRIA
AZERBAIJAN
BAHAREIN
BELGIUM
BELARUS
BOLIVIA
BOSNIA
BRAZIL
BRUNEI
BULGARIA
CAMERUN
CANADA
CENTRAL AFRICAN REP.
CHILE
CYPRUS
COLOMBIA
COSTA RICA
CROATIA
CZECH REPUBLIC
DENMARK
EGYPT
ESTONIA
FINLAND
FRANCE
GABON
GEORGIA
GERMANY
GHANA
GREECE
HUNGARY
INDIA
INDONESIA
IRAQ
IRELAND
ISRAEL
ITALY
IVORY COAST
JAPAN
JORDAN
KAZAKHSTAN
KENYA
KUWAIT
LATVIA
LEBANON
LIBYA



LITHUANIA
LUXEMBOURG
MALAYSIA
MALI
MALTA
MOROCCO
MEXICO
MOLDOVA
MONACO
MONGOLIA
MONTENEGRO
MYANMAR
NETHERLANDS
NIGERIA
NORWAY
NEW ZELAND
OMAN
PANAMA
PARAGUAY
PERU
PHILIPPINES
POLAND
PORTUGAL
QATAR
REP. OF THE CONGO
REP. OF CHINA
DOMINICAN REPUBLIC
ROMANIA
RUSSIA
SAUDI ARABIA
SENEGAL
SERBIA
SINGAPORE
SAINT MAARTEN
SLOVAKIA
SLOVENIA
SOUTH AFRICA
SPAIN
SWEDEN
SWITZERLAND
THAILAND
TOGO
TUNISIA
TURKEY
UKRAINE
UNITED ARAB EMIRATES
UNITED KINGDOM
UNITED STATES
URUGUAY
VENEZUELA

Geoplast
Building beyond together

Geoplast S.p.A.

Via Martiri della Libertà, 6/8
35010 Grantorto (PD) - Italy

Tel +39 049 9490289
Fax +39 049 9494028

Geoplast@Geoplastglobal.com

GeoplastGlobal.com

rev. 003 11/2021

All data must be considered purely as an indication. Geoplast S.p.A. has the right to make changes without giving any notice.
The property rights of this catalogue, in its entirety, belong to Geoplast S.p.A.. Texts and images can't be reproduced without prior written permission by the author.