

Temporary mobile ground protection systems

Product information and technical data

Areas of application for our mobile ground protection products:



1000

Heavy-lift transport



sites

lots

Concerts and

Mobile crane

Mobile parking

Wind power generator

construction Road construction

and access roads

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Temporary walkways

Decorative event floors

査 Line construction

Mobile logistics



Tent floors

Special projects

www.zgs.ag



Project support

Tailor-made and flexible

Trust in the competence and experience of our team when planning your building projects. We offer a full range of services for short-term or long-term rentals, from preliminary construction site inspections to planning and implementation. Our team will be on hand to provide you with advice and support from the first to the last step. Thanks to our network and our partners we offer you quality at the best prices.

Technical consulting

Do you need support for your building project? We offer the solution.

- Planning, feasibility analysis, approval procedures, tenders
- Infrastructure from warehouse to material
- shipment
- Staff for assembly and dismantling
- Planning, implementation and execution of your projects
- Coordination of all trades
- controlling
- postprocessing





Projekt-PLANUNG / CAD

Professionell und maßgeschneidert für Ihr Projekt

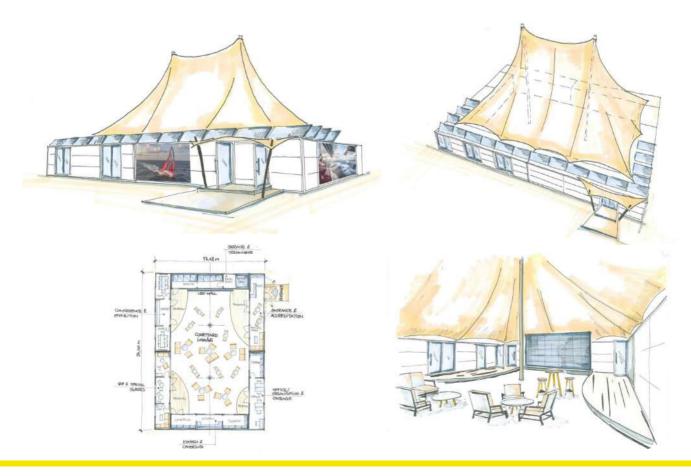
Eine CAD-Zeichnung und Projektplanung gehört in der Branche zum ersten Schritt für Ihr Projekt. Denn eine detaillierte Zeichnung ist nicht nur wichtig, um Venue-Kapazitäten zu ermitteln, sie ist grundlegend für die Budgetierung und Finanzierung des Projektes.

Wir machen das für Sie!

PROFESSIONELLE CAD-ZEICHNUNG

Eine CAD-Planung ist grundlegend und unverzichtbar für alle Bereiche:

Von der Idee über die Planung bis zur Durchführung des Projektes. Unsere Architekten, CAD-Planer und Veranstaltungsprofies stehen Ihnen zur Seite. Auf Wunsch übernehmen wir auch das gesamte Projektmanagement Ihrer Veranstaltung.



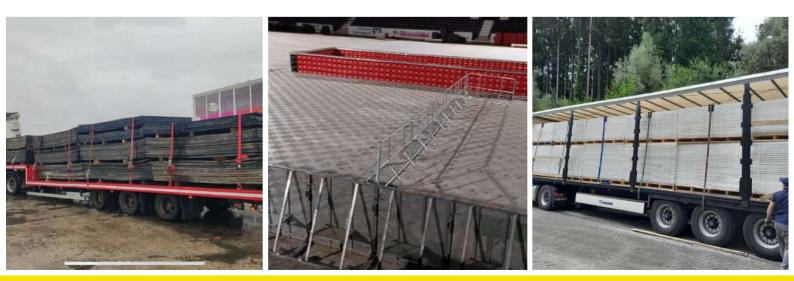


Material renting

Reliable and innovative

In the area of access solutions, no wish remains unfulfilled. Our products and the temporary infrastructure speak for itself and provide the right solution for every project.

We also offer you every product for rent, so that your building project is a success and you always have firm ground under your feet with our mobile construction roads. We have the know-how, materials, storage, infrastructure and commitment to ensure that your project is completed on schedule. Whatever you do, with us you are always on safe ground.





Assembly staff

Application possibilities

The assembly and dismantling of any event or construction project requires a fast working and flexible assembly team.

This is the only way to save costs effectively when using resources. Our multilingual and experienced employees have the necessary know-how and many years of experience to set up and dismantle your project in compliance with all regulations and standards.

Service

From simple assembly assistants, through experienced forklift truck drivers to project supervisors, we offer you the qualified staff you need for your project from an experienced pool of personnel throughout Europe. From cleaning and maintenance of your material, through transport to assembly or project support. We are your contact for every area.

Offers

Our personnel offers can be obtained from our partner within the framework of temporary employment or directly from us as a factory service. On an hourly, daily or project-related basis.

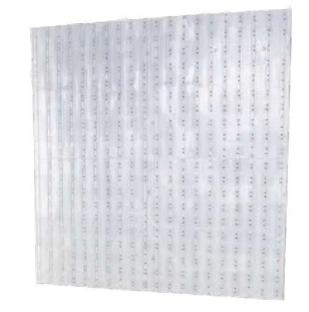




Terratile

Material:

polyethylene, high molecular with UV-stabilisator Dimensions in mm: 1000 mm x 1000 mm x 39 mm Weight per panel: ca. 8 kg Surface: UV permeable Load capacity: ca. 2t (depending on the surface) Transport per truck: 1.100 pcs (1.100m²)



Areas of application::



Mobile parking lots

Temporary walkways Ð

Mobile Logistik

events

Concerts and







Plastic recyclate **Dimensions in mm:** 320 (Kantenlänge) x 40 **Weight per panel:** Approx. 3,2 kg **Surface and colour:** Grün **Load capacity:** approx. 7,5t (Depending on the surface) **Transport per truck:** 16 pallets (1.030m²)



Areas of application:



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Concerts and events

Decorative

event floors

Temporary walkways

Tent floors

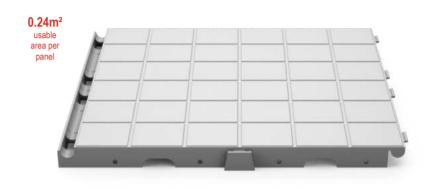
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break-proof polyethylene Dimensions in mm: 492 x 492 x 34 Weight per panel: Approx. 1,48 kg Surface and colour: Grau Load capacity: approx. 2t (Depending on the surface) Transport per truck: 24 pallets (1.200m²)



Areas of application:







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Mobile parking lots







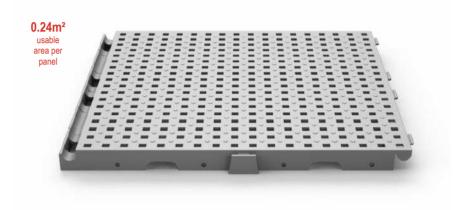
Tent floors







break-proof polyethylene Dimensions in mm: 492 x 492 x 34 Weight per panel: Approx. 1,48 kg Surface and colour: Grau Load capacity: approx. 2t (Depending on the surface) Transport per truck: 24 pallets (1.200m²)



Areas of application:



Concerts and events

Decorative

event floors



Temporary walkways

Tent floors

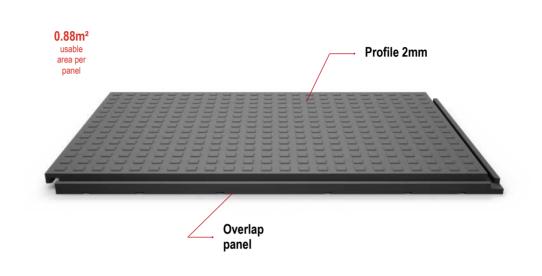
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recycled PVC **Dimensions in mm:** 1200 x 800 x 43 Weight per panel: Approx. 32 kg Surface and colour: 2 mm profile, one-sided black-coloured Load capacity: approx. 40t (Depending on the surface) Transport per truck: 720 pcs (633m²)



Concerts and

Mobile logistics

events

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Areas of application:



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Road construction and access roads



Temporary walkways

Mobile parking

lots

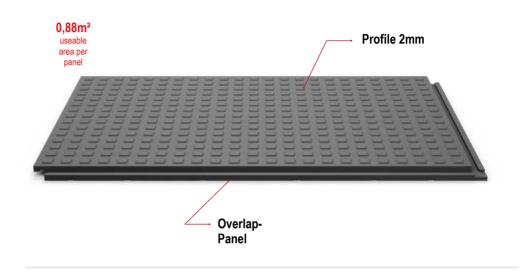






Material:

recycled PVC Dimensions in mm: 1200 x 800 x 22 Weight per panel: Approx. 20 kg Surface and colour: 2 mm profile, one-sided black-coloured Load capacity: approx. 20t (Depending on the surface) Transport per truck: 1. 050 pcs (924m²)



Areas of application:













Polyethylene, high molecular Dimensions in mm: 1000 x 2000 x 12 Weight per panel: Approx. 22 kg Surface and colour: Bottom roughened Top no profile black Load capacity: approx. 50t (depending on the surface) Transport per truck: 1050 pcs (2100m²)



Areas of application:



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Road construction and access roads

Temporary walkways

Line construction



Concerts and events



Mobile logistics

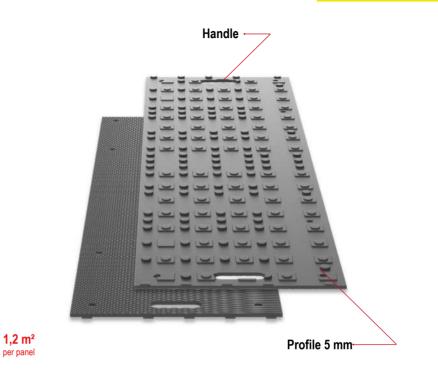








Material: Polyethylene, high molecular Dimensions in mm: 600 x 2000 x 17 Weight per panel: Approx. 13,5 kg Surface and colour: Bottom Riffle (AS) Top 5mm Profile black Load capacity: approx. 30t (depending on the surface) Transport per truck: 1.500 pcs (1.800m²)



Areas of application:



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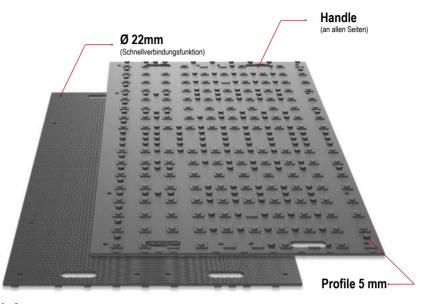
events







Polyethylene, high molecular Dimensions in mm: 1200 x 2000 x 17 (incl. profile) Weight per panel: Approx. 30 kg Surface and colour: Bottom Riffle (AS) Top 5mm Profile black-coloured Load capacity: approx. 60t (depending on the surface) Transport per truck: 750 pcs (1800m²)



2,4m² per panel

Areas of application:



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Road construction and access roads



Line

construction

Concerts and events



Mobile logistics

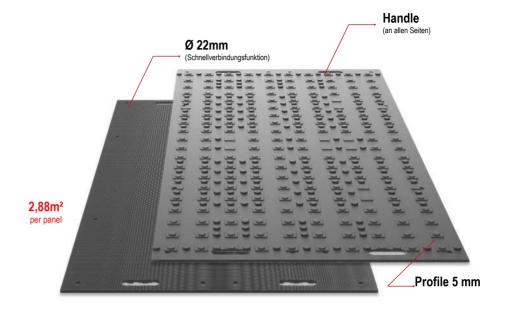








Polyethylene, high molecular Dimensions in mm: 1200 x 2400 x 17 (incl. profile) Weight per panel: approx. 36 kg Surface and colour: Bottom Riffle (AS) Top 5mm Profile black-coloured Load capacity: approx. 80t (depending on the surface) Transport per truck: 600 pcs (1728m²)



Areas of application:



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Road construction and access roads

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Line construction



Mobile logistics

Concerts and

events



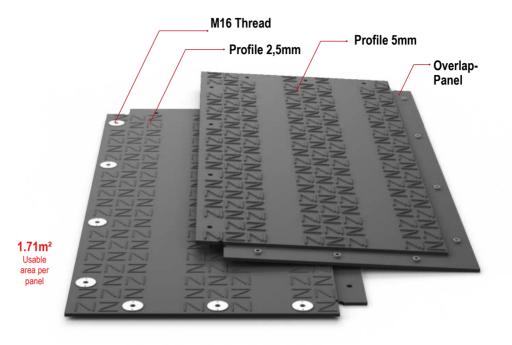






Material:

Polyethylene, high molecular Dimensions in mm: 1000 x 2000 x 31,5 (incl. profile) Weight per panel: Approx. 40,5 kg Surface and colour: 5mm & 2,5mm Profile black-coloured Load capacity: approx. 130t (depending on the surface) Transport per truck: 540 pcs (923m²)



Areas of application:

Wind power

generator construction

construction

Line



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Heavy-lift transport Temporary walkways

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Road construction
and access roads

Mobile logistics

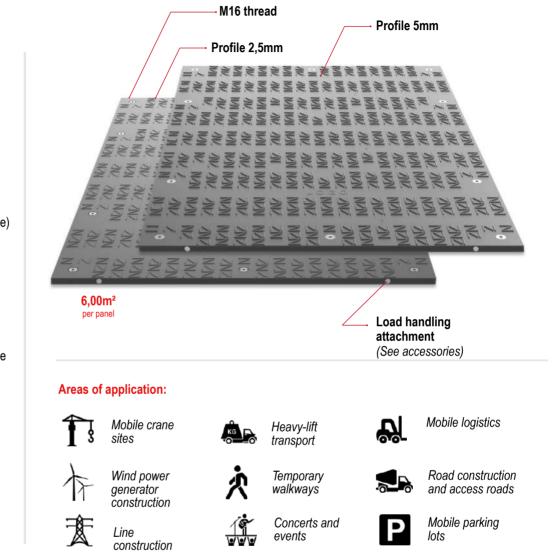
Mob lots





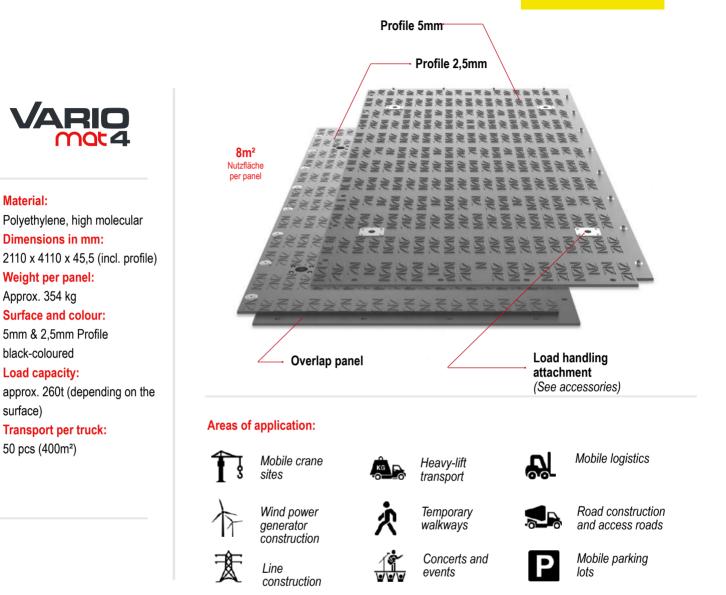


polyethylene, high molecular Dimensions in mm: 2000 x 3000 x 45,5 (incl. profile) Weight per panel: Approx. 221 kg Surface and colour: 5mm & 2,5mm Profile black-coloured Load capacity: approx. 150t (depending on the surface) Transport per truck: 100 pcs (600m²)







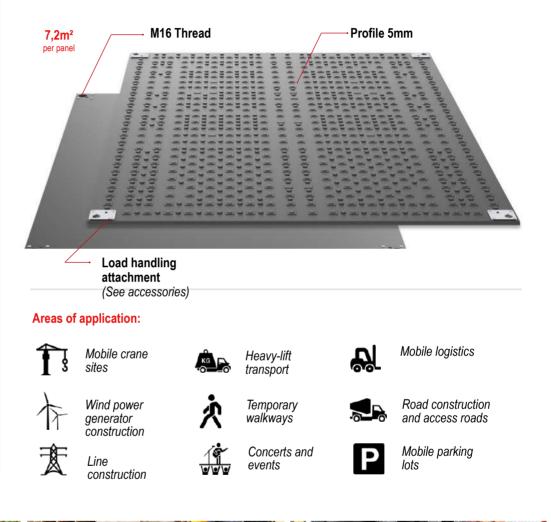








Polyethylene, high molecular Dimensions in mm: 2400 x 3000 x 32,5 (incl. profile) Weight per panel: Approx. 210 kg Surface and colour: Bottom Riffle (AS) Top 5mm Profile black-coloured Load capacity: approx. 130t (depending on the surface) Transport per truck: 100 pcs (720m²)









polyethylene, high molecular weight

Dimensions in mm:

3000 x 2500 x 35,5 (incl. profile) Weight per panel:

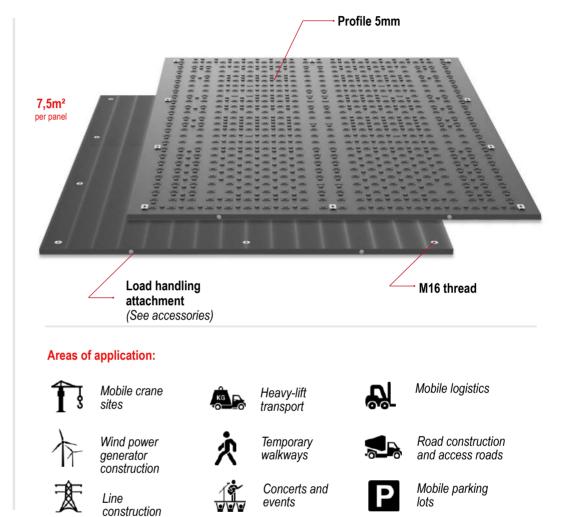
Approx. 288 kg

Surface and colour: Bottom Riffle (AS) Top 5mm Profile

black-coloured Load capacity:

approx. 160t (depending on the surface) Transport per truck:

80 pcs (600m²)



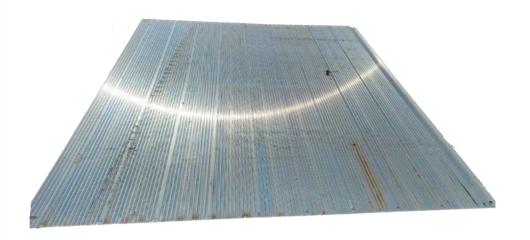




Alu Panel

Material:

Aluminium Dimensions in mm: 2450 x 3000 x 47,5 (incl. profil) Weight per panel: ca. 250 kg Surface: Corrugated Load capacity: ca. 160t (depending on the surface) or 12t axle load Transport per truck: 80 pcs



Areas of application::

Wind power generator construction

construction

Line



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Heavy-lift transport

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Temporary walkways

Concerts and events



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Road construction and access roads

Mobile logistics







Security gate

Our mobile security/entry gates are easy to transport and set up. The ideal solution for any event or congress where many people meet and there is a need for security.



Areas of application::



Concerts and events



Mobile parking lots



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Mobile logistics

Road construction and access roads

Mobile parking

lots

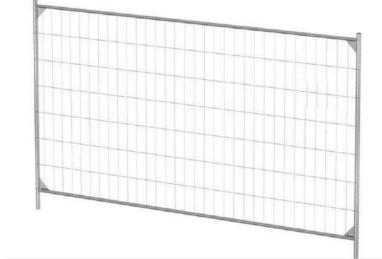
Fence

Material:

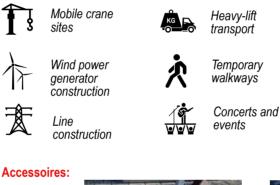
fence panel: galvanized steel **Dimensions in m:** 3.50 x 0.04 x 2.00 m Weight per fence: Approx. 16 kg

Transport per truck:

29 fence panels per rack 8 transport racks per standard trailer approx. 812 m (2,664 ft) overall length



Areas of application::







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Barriers

Material:

hot-dip galvanized steel piping **Dimensions in m:** 2.50 x 0.03 x 1.20 m Weight per panel: Approx. 18 kg Transport per truck: 2.50 m (98 in) barrier:

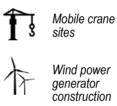
approx. 1,500 m (4,921 ft) overall length (600 pieces) per standard trailer (open)



Areas of application:

Line

construction



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Concerts and

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Road construction and access roads

Mobile logistics







Crash Barrier

Material:

hot-dip galvanized steel Dimensions in m: 1,00 x 0.30 x 1.20 m Weight per barrier: ca. 30 kg Transport per truck: 150 pc. (150m)



Areas of application:



Temporary walkways Concerts and

events



Road construction and access roads







Tents

Our tents come in a variety of standard sizes and styles, as well as custom configurations The flexible and creative constructions are suitable for numerous events and settings Tents can be swiftly erected to expand useable event spaces and tailored to meet bespoke requirements We can also supply a wide range

extras, from furnishings, kitchens and kitchen accessories to heating systems and airconditioning



Areas of application:





Wind power generator construction

惫 Line construction



Temporary walkways

Heavy-lift transport



Road construction and access roads

lots

Mobile parking

Mobile logistics



Container

Container and Portacabin modules can be installed individually or combined to form entire building complexes All our systems are highly adaptable, and rapid and easy to install

All containers are lockable and equipped with power connections, electric heaters, and air conditioning In addition, a variety of door and window configurations are available



Areas of application:









Concerts and

events

Heavy-lift transport



Road construction and access roads

Mobile parking lots

Mobile logistics





Cable canal

Cable Protectors protect cables. Moreover, they create areas that are easy to walk and drive over. These can secure events, construction sites, and more. Cable Protectors protect in two ways. First, they guide cables and hoses of various designs across the terrain in orderly paths and cover them securely. Secondly, this type of covering opens up edgefree areas for pedestrians and vehicles alike. You can walk and drive over these areas without any problems.



Areas of application:

Wind power generator construction

construction

Line



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transport

events

Heavy-lift

Concerts and



Road construction and access roads

Mobile logistics







Cable bridge

Without building permit

The cable bridges from zgs - For safely guiding cables or supply lines across the street - Can be set up by 2 people - The cable is placed on the lattice support and the cable guide and then fixed - The ballasting is done with concrete blocks - The masts can be removed for transport Simply remove the holder **Important NOTE!**

Delivery takes place with 40 tons. Semi-trailer truck. The access to the unloading point must be suitable for this vehicle and suitable equipment

(forklift or wheel loader with fork)

must be provided on site.



Areas of application:



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generator

Line

construction

construction



Heavy-lift transport

Concerts and

events



Mobile logistics



Road construction and access roads







Power cubes

The powerful, transportable floodlight system illuminates escape routes. Moreover, it can illuminate sanitary areas at nightfall. Similarly, it offers favorable working light during the setup or dismantling phase. In this way, it creates a safe environment. Guests and crew members can find their way around at all times.



Areas of application:

Wind power generator construction

construction

Line



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Temporary walkways

Concerts and

events

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Mobile logistics

Road construction and access roads





IBOOM

Concrete base weighing 850 kg, with patented toothing system, integrated cable routing and sabotage protection High level of mechanical resistance due to the solid concrete base in combination with the teeth

Maximum flexible assembly and disassembly as well as repositioning Special modules for 45° and 90° angles, doors and gates available

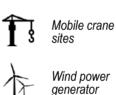
Meets the requirements of ICAO and **ISPS** guidelines

Integrated perimeter protection based on the SECONTEC S1 video alarm system 24/7 LIVE video - remote monitoring by the SECONTEC Video Operation Center (VOC)

Integrated audio alarm system to address potential perpetrators



Areas of application:



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construction

construction

Line



Temporary

Concerts and

walkways

events



Mobile logistics



Road construction and access roads





Furniture

We offer you all types of furniture for your individually designed rooms. Whether normal offices or mobile room systems,

we have the ideal solution.

Tables, chairs, blackboards and more ...



Areas of application:

Wind power

construction

construction

generator

Line



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Heavy-lift transport

Concerts and

events



Mobile logistics



Road construction and access roads





Forklift

We have many different high-quality forklifts in our product inventory. We offer you the ideal forklift for all your requirements. We can also offer you transportation and services.



Areas of application:

Mobile crane sites

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Wind power

generator construction

construction

Line

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Heavy-lift transport

Temporary

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Mobile logistics



Road construction and access roads

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Mob lots





Generator

Wherever you need electricity, we deliver it. Our generator sets are available in different sizes to suit individual requirements. We also offer transport for the generator sets.



Areas of application:



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Wind power generator construction

construction

Line

Heavy-lift transport

Temporary walkways

events

Concerts and



Mobile logistics



Road construction and access roads

Mobile parking







Flag

Material: Mesh-net Dimensions in mm: individual Surface & colour: Air permeable Printed upon request

Flags are a multifunctional asset, especially at events. They can be used on event flags as advertising space for organizers and sponsors or as orientation aids for visitors.



Areas of application:



Temporary walkways

Concerts and events

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Mobile parking lots

Mobile logistics





Banner

Material: Mesh-net Dimensions in mm: individual Surface & colour: Air permeable Printed upon request

Banners are a multifunctional asset, especially at events. They offer pleasant wind and visibility protection at events. The banners can also be used as advertising space for organizers and sponsors or as orientation aids for visitors.



Areas of application:



Temporary walkways

Concerts and events

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Mobile logistics







Barrier stand

Stand with barrier belt/people guidance system Can be combined with other guide posts Stainless steel or black Red heavy duty ribbon Band extendable up to 1.70 m in length Suitable for indoor and outdoor applications Post height: 90 cm Diameter of post: 6 cm Diameter of post base: 30 cm Good stability Height of belt extension: 83.5 cm Band width: 5 cm 3 mounting brackets Weight (per pair): 12.6 kg



Areas of application:



Temporary walkways

events

Concerts and



Mobile logistics







Detector

High sensitivity Self-calibration The alarm signal occurs acoustically or via vibration with an LED signal Pinpoint - precise location with the tip of the device Temperature range -37 to +70 °C Humidity up to 95%, non-condensing Audio frequency 2 kHz Display type digital (LED) acoustic Length 420mm Width 83mm Height 41mm Weight 500g including battery power supply 9 V block battery



Areas of application:



Temporary walkways

events

Concerts and



Mobile logistics







Walkie-talkie

Digital & Analog Royalty Free Secondary PTT Long range Dust and splash-proof

Operating voltage charger 230 V Speaker 1W Temperature range -30 to +60 °C particularities Automatic squelch Connection for speakers/ headphones Connection for microphone Transmission power 0.5 W Frequency 446 MHz Channels 16 Analogue 32 dPMR Max. range in open field 9 km Weight 282g Dim. (W x H x D) 54 x 123 x 34 mm Manufacturer color black



Areas of application:



Temporary walkways

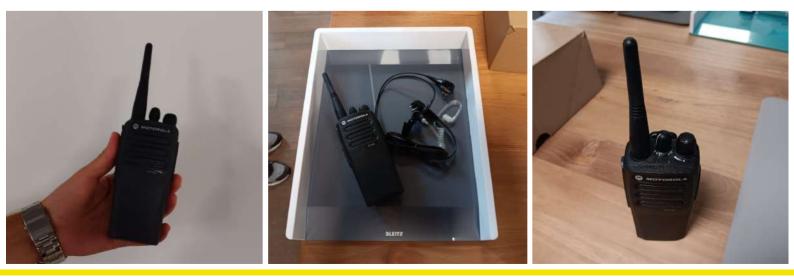
events

Concerts and

4

Mobile logistics







Generator **Accessoires**

Zu allen unseren Generatoren bieten wir nützliches und sicheres Zubehör an. Teilen Sie uns bitte Ihr Anliegen mit und wir finden einen möglichen und sicheren Weg.



Areas of application:



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Mobile crane sites



Wind power generator construction

Line construction







Concerts and events

Heavy-lift transport



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Mobile parking lots

Road construction and access roads

Mobile logistics









Load handling attachment Load capacity, 4 pc each: 500kg Load capacity, 1 pc each: 170kg This load handling attachment is compulsory for the following models: varioMAT 3 varioMAT TT



Load handling attachment Load capacity, 4 pc each: 500kg Load capacity, 1 pc each: 170kg This load handling attachment is compulsory for the following models: varioMAT F varioMAT 4



Stanchion rack Stanchion pallets are flexible storage systems. They hold 25 panels and are suitable for the following models: varioMAT 1+ varioMAT 2 varioMAT basic



Screws and washers Commercially available screws are used with all products.

varioMAT 1+, varioMAT 1 = M10

varioMAT 2, varioMAT 3, varioMAT F, varioMAT 4, varioMAT TT = M16



Metal connectors (universal) Metal connectors are used to bolt ground protection panels together. They are suitable for the following products:

varioMAT 3 varioMAT F varioMAT TT



Metal connectors (2-fold)

The ground protection panels are connected with the new, all-metal 2-fold connectors and M10 screws. The connectors are suitable for the following products:

varioMAT 1+ varioMAT 1







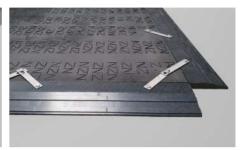
varioMAT 2 - Ramp, top

Mounting "on" the overlap edge. 900 mm length 1900 mm length



varioMAT 2 - Ramp, bottom

Mounting "under" the overlap edge. 900 mm length 1900 mm length



varioMAT 3 – Ramp

2000 mm length with 3 eyelets for bolting 3000 mm length with 4 eyelets for bolting





Instructions for use

Please refer to the associated instructions for use when using the products.







Additional material required for installation.

To be able to lay the ground protection panels, you need a load lifting device, as well as a four-strand chain hanger. These are attached to the forks of the forklift truck in order to lay the panels.



Installation service

As an alternative to self-installation, we provide an installation service with our installation teams. Our trained teams, who are constantly working with the products, will professionally install the panels for you on request.



Additional equipment needed for assembling.

To bolt the panels together, you will need an impact wrench with a suitable screw attachment to connect the metal connectors to the M16 screws and the panel.







Technical data for the varioMAT series

Material: polyethylene, high molecular weight Melting point: 135 – 140 °C Ignition temperature: > 330 °C According to ISO 11359, the material is subject to a coefficient of linear thermal expansion of approx. 0.2 mm per 1000 mm length per 1 °C. Flammability (self-classification) DIN 4102: Class B2 Flammability (self-classification) UL 94: Class HB

Very good wear and impact resistance, even at warm and very cold (-50 °C) temperatures. The high proportion of regenerated high and ultra-high molecular weight polyethylene makes the vario series ecologically and qualitatively very valuable.

References since 2010 in the fields of: Oil & Gas, Construction, Heavylift, Wind Farms, Events & Concerts and Overhead Line Construction.

Features

The varioMAT panels are bolted together, creating a permanently connected roadway, or working platform, both lengthways and widthways, for safe loads and vehicles. The load-bearing capacity of the subsoil is considerably optimised, soil compaction is minimised and damage to the land is avoided. Due to diffeRENT shaping, partly on both sides, the varioMAT panels are versatile. The flat shaping on one side is particularly suitable for pedestrians, cyclists and wheelchair users, as well as for cars. The strong shaping on the other side ensures optimum traction for heavy vehicles even in difficult terrain. Depending on the size, varioMAT panels can be laid by hand or from a crane truck and ensure safe access right from the start of construction.

Logistics

varioMAT panels are easier to transport than most alternative road mats for temporary use. More panels can therefore be loaded onto a truck or into a container, reducing transport costs.





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Services

Our team will be happy to assist you with anything from advice and project management to implementation.

We provide you with advice and support wherever you need us. Our services also include the preparation of documents, as well as the editing of tenders for your project. Take a look at our videos, because pictures speak louder than words.

FIELDS OF APPLICATION

Mobile crane sites / Heavy-lift_transport / Mobile logistics / Win power generator construction/ Concerts an events / Mobile parking lots / Temporary walkways / Line construction / Road construction and access roads //Tent floors

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3 (0 23 57) 17 29 10



Our locations



Locations:

Germany - Berlin, Cottbus, Hannover, Düsseldorf, Köln, Würzburg, Nürnberg, Stuttgart

Switzerland - Zürich, Rohrbach **România -** Bukarest, Cluj, Brașov

Austria - Wien Poland - Rzeszów

Innovative ground protection

We develop and manufacture products, such as mobile construction road systems, which are state of the art and convince with their unique properties.

Our temporary ground protection panels and mobile construction roads are used, for example, in structural and civil engineering, for earthworks and at outdoor events. We provide cost-effective solutions designed for constantly changing and demanding conditions. Temporary accesses and driveways as well as ground protection elements are our speciality. Therefore, we can advise you on how to make optimal use of the existing ground conditions, so that you do not have to deal with project delays or additional costs.

We can help you meet your strategic business objectives, avoid environmental damage, as well as save time and cut project costs.

No matter what project you are planning, our products such as temporary roads, access roads and mobile construction roads can be laid easily and quickly.

For more information, please get in touch with our contact person for your region.



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