

## VARIO mat2

### Material:

break-resistant polyethylene

### Dimensions in mm:

1000 x 2000 x 31,5 (inkl. Profile)

### Weight per Panel:

approx. 40,5 kg

### Surface & Color:

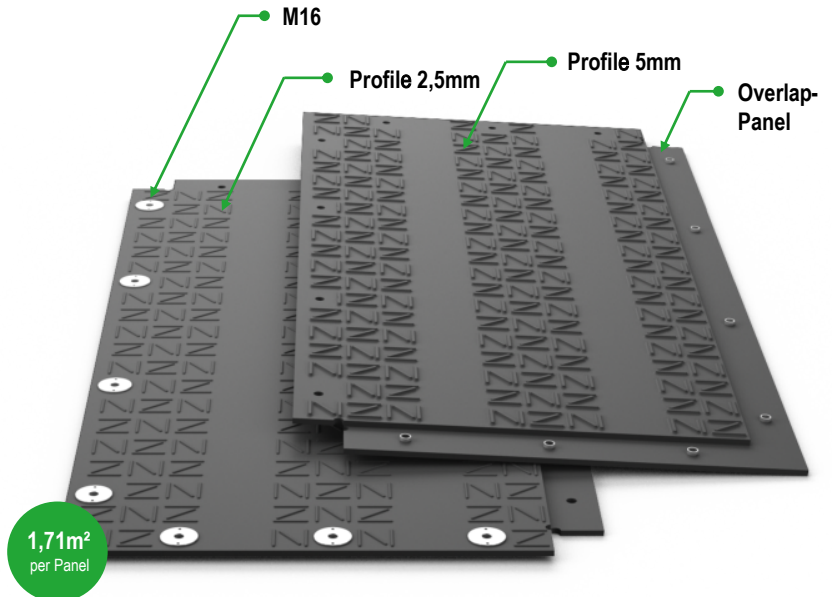
5mm & 2,5mm profile  
black

### Load capacity:

approx. 130 to.  
(depending on substrate)

### Transport per Truck:

540 panels (923m<sup>2</sup>)



### Possible applications:



Crane  
Set-up area



Heavy  
Duty



Mobile  
Logistic



Wind energy



Temporary  
Sidewalks



Road Construction  
and  
Access Routes



Pylon Construction



Concerts  
and Events



Mobile  
Parking Lots



**Laying the panels** (panels should be dismantled in reverse order)

**Unloading from lorries:**

There are two ways of unloading the panels:

- The panels can be easily loaded and unloaded.
- Stacks of panels can be unloaded using a forklift truck:  
Care should only be taken to ensure that the forks are long enough (at least 100 cm) and that the individual panels are made safe to stop them falling.

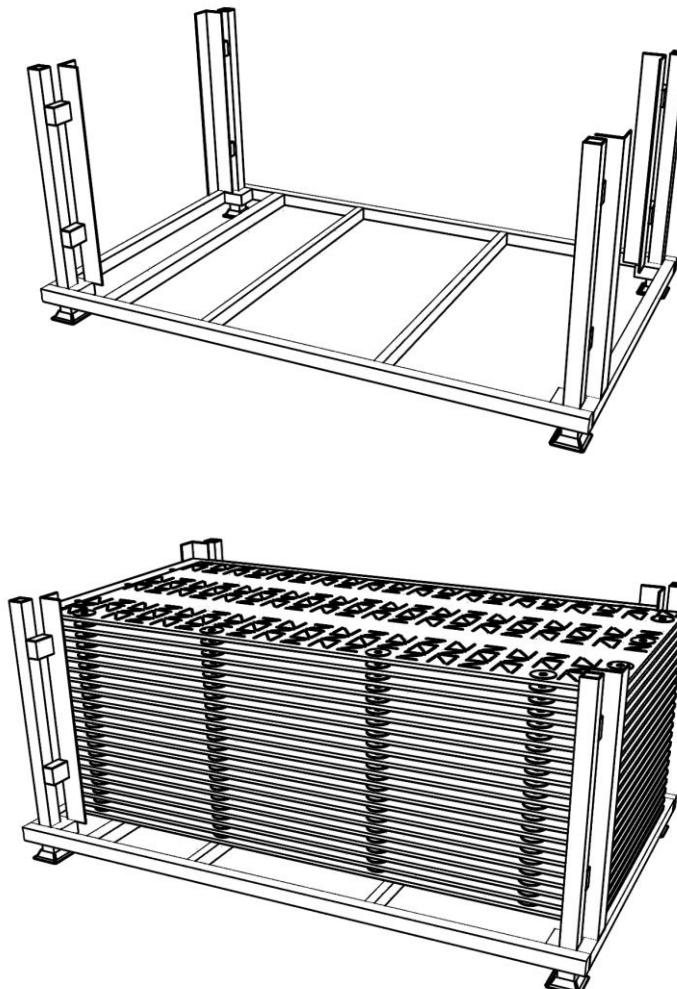
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**Storage:**

The panels should be stacked no more than 25 per stack. It is advisable to stack no more than 2 stake racks on top of each other.

As an alternative, panels may also be stacked on square timber. Two pieces of square timber should be inserted between stacks, so that they can be easily handled with a forklift truck.

Panels can also be handled manually by two people.

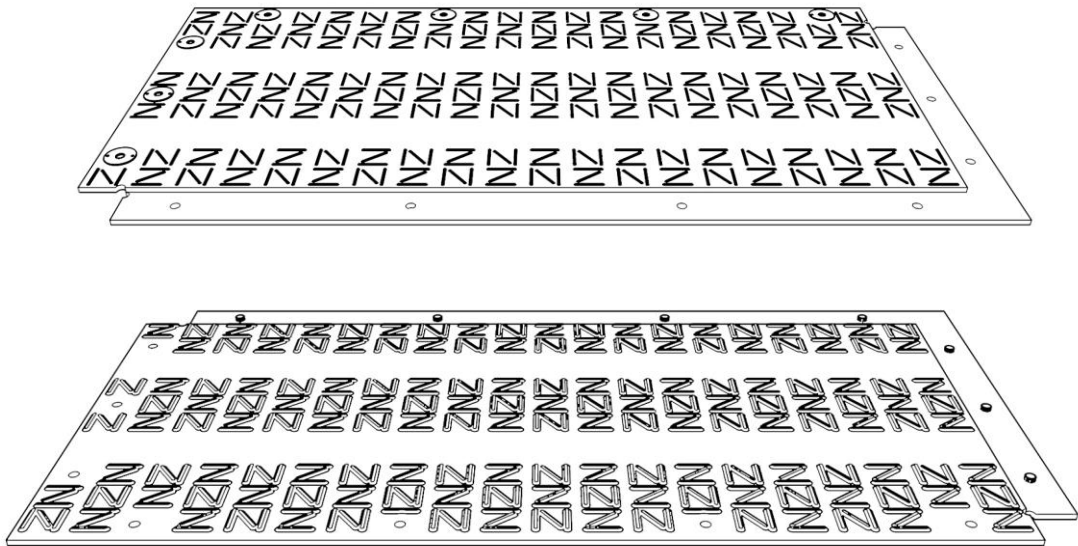


**The panel:**

Material: Polyethylene PE500  
Dimensions: 1000 mm x 2000 mm x 25 mm  
Weight: 40.5kg

Eyelets to connect/screw panels together are located in the overlapping area on the sides of the panels (7 pcs.).

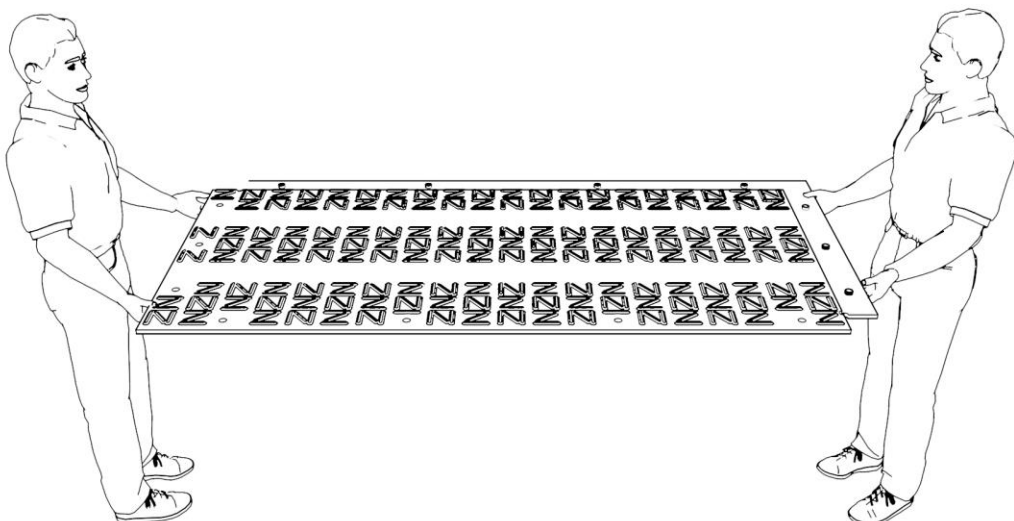
Panels can be used from either side. The upper side with its light profile is ideal for use by pedestrians on both sides. The underside has a strong profile and has been optimised to be used by construction vehicles.



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**Panel laying**

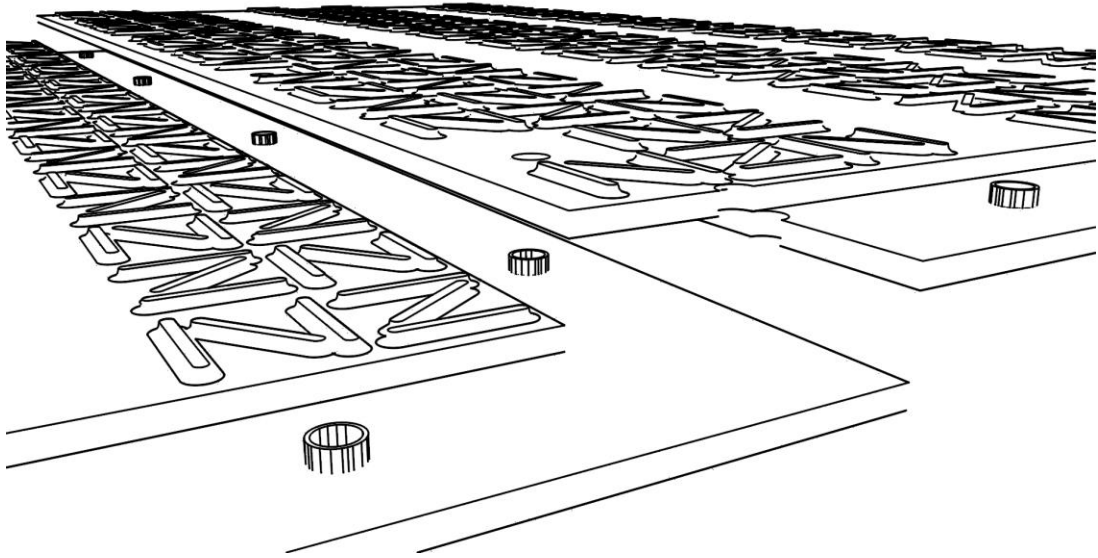
Panels can be simply taken off the stack by two persons and transported to the required location.



**Laying and mounting panels:**

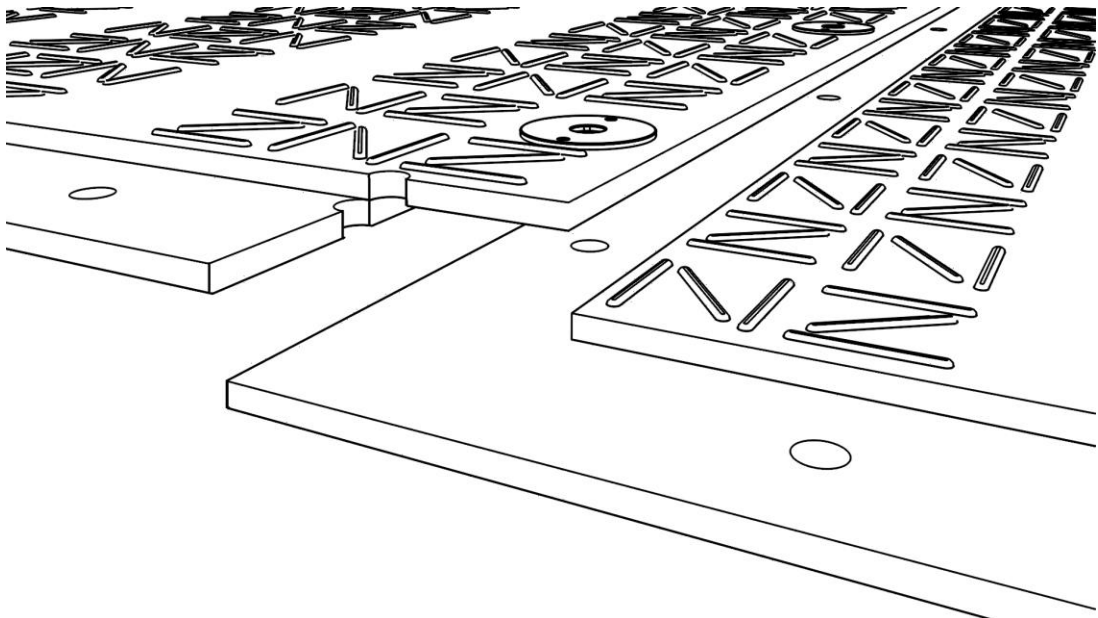
Simply lay panels on top of the floor area to be protected. No pre-treatment of the ground is required.

Panels can best be laid by two people working together.

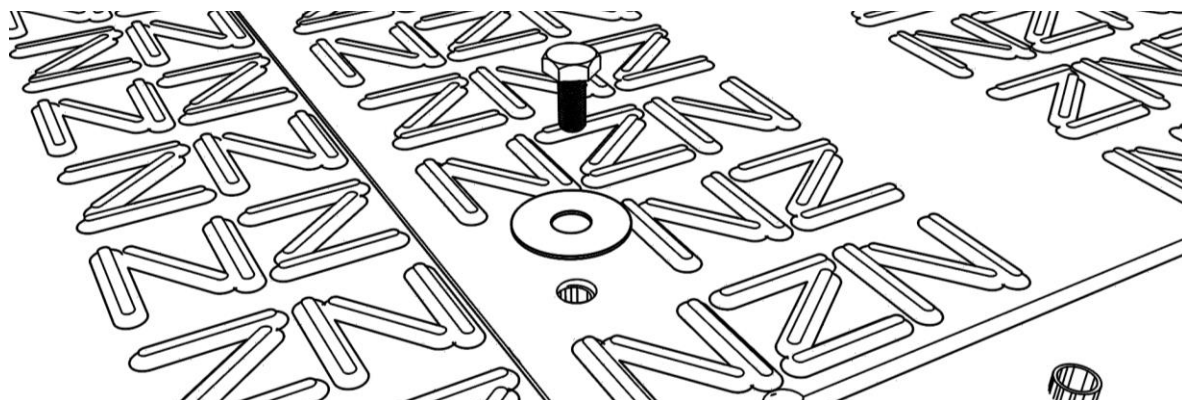


Care should be taken when laying the panels that panels have the same profile side facing up.

Insert the guiding eyelets into the holes provided in the overlap side to create an optimal working platform or a temporary road. Depending on the pressure on the panels, it is advisable to use between 2 and 7 screw connections.



Panels should be placed next to each other (on top of each other in the overlap region) onto the appropriate eyelets, and then joined together with an M-16 screw from above, with a washer inserted into the eyelet anchored from below.



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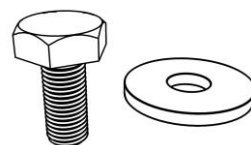
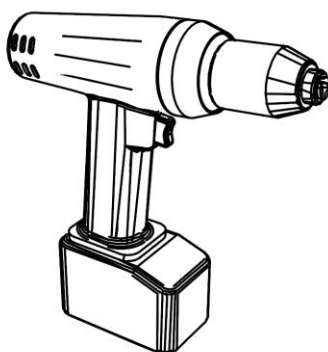
**Fittings:**

The following fittings are required for laying the panels:

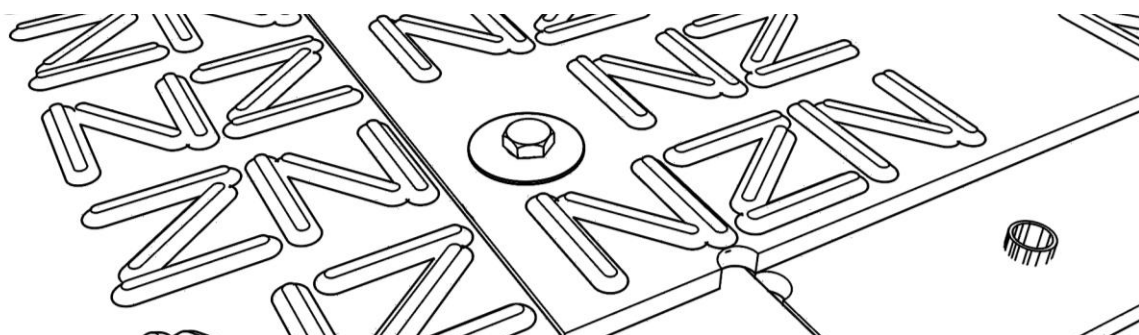
4 x M16 screws

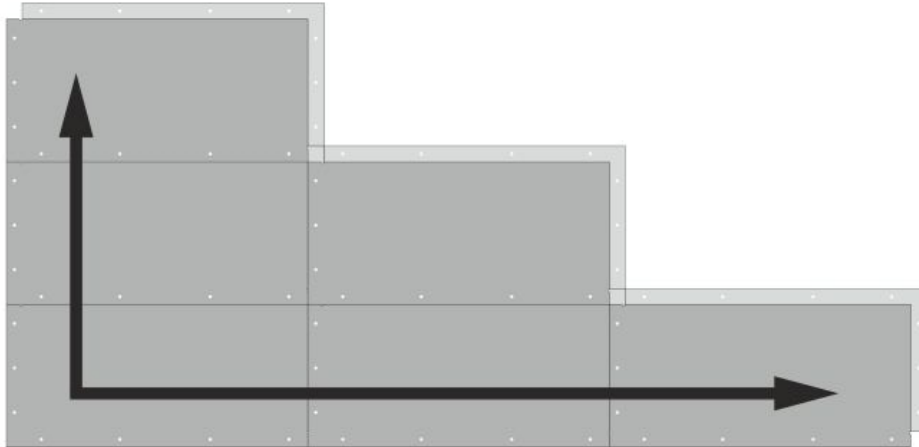
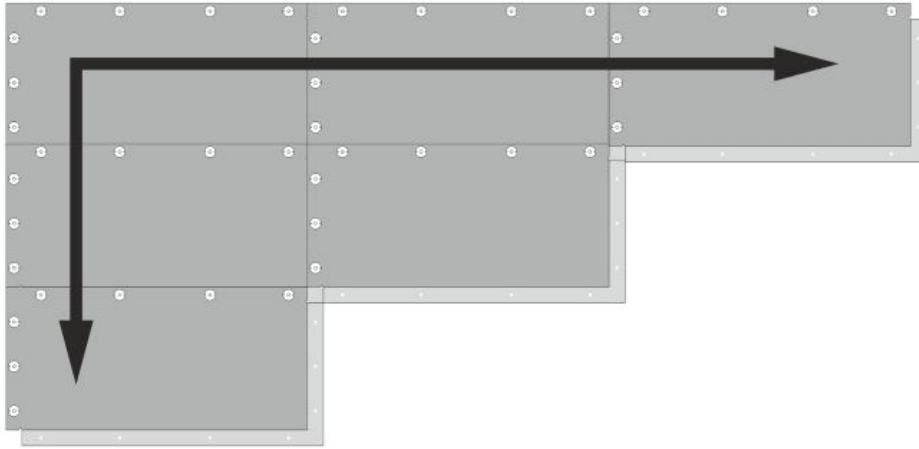
(washers optional)

2 x metal connectors



It is advisable to screw the panels together using the M16 screw and a cordless screwdriver. Alternatively, this can also be done with a hand ratchet. Both versions of the screw connection require a 24-mm socket to connect the panels using the 7 eyelets provided.





## General notes

### Surface treatment:

Panels should be cleaned on both sides after use. Panels can be stored in the open air. However, panels should not be exposed to severe temperatures below freezing. No special chemical cleaners or tools are required to clean the panels. A high-pressure cleaner is ideal for cleaning the panels.

### Use as a temporary access road

The panels are very well suited for use as a temporary access road in open country. Depending on the surface, the panels can withstand loads of up to 130 tons per m<sup>2</sup>. The panels can be used with track vehicles. However, track vehicles should use chain guards whenever possible. Track vehicles should avoid rotating tracks in place, because depending on the pivot point and speed, panels may be torn apart at the screw connections.

### Assembly

If the panels installed globally are relocated, the panels must be dismantled again.