

Grass & Stable Matting Installation Manual



Contents List

Instructions for Use – Polymax Flooring

Please read carefully before using the product.

Disclaimer: Polymax will not accept claims for modified products, including those cut or laid with adhesive. Ensure you check the material upon receipt, confirming it matches your order and is free from visible defects. If unsatisfied, contact our sales team on 01420 474123 before using any product. Once cut or adhered, returns or claims will not be accepted.

Important Notes:

- Refer to the relevant Installation Guide.
- It is the responsibility of the installer to ensure that the substrate is properly prepared, level, and suitable for the flooring prior to installation. Polymax is not liable for product failure due to unsuitable substrates.
- Polymax will not accept claims arising from damage caused by exposure to direct sunlight, extreme temperatures, or chemicals not compatible with the product.
- Products may vary in finish, size and shade, particularly between different production batches.
- It is not guaranteed that edges of rolled products will be completely straight.
- Patterns or textures may not line up exactly to those of adjoining pieces or rolls.
- It is recommended to install a dirt barrier at entry points to flooring areas.
- Avoid sharp bends during installation. Use cove formers and tread risers where applicable.
- Colour may fade over time.
- Natural rubber based products do not resist oil or grease.

Liability Disclaimer:

Polymax will not be responsible for any eventuality arising from improper installation, maintenance, or the use of non-Polymax approved materials. Polymax's liability is limited to the cost of the product itself, and we will not be responsible for any consequential or indirect losses resulting from the installation or use of the product.

Substrates

The first pre-condition to get a good, durable and reliable installation of any resilient flooring is connected to the characteristics of the substrate. Whatever the substrate is constructed from, the installer is responsible for ensuring that the substrate is properly prepared, level, and suitable for the flooring prior to installation, and that any corrective actions are carried out prior to commence the laying of the floor covering.

Where required, we would advise that levelling compound is used on solid floors, and 6mm Marine ply on wooden flooring.

Prior to installation of the floor covering, the substrate should be thoroughly cleaned, with any loose debris removed, and any residual oil grease or any other agent which may impact the effectiveness of the adhesive or installation removed. Once the substrate has been cleaned it is important to ensure that condition is maintained during the installation process.

Receipt and storage of the flooring material:

These instructions are applicable to all flooring products.
A good installation starts with a proper storage of products:



Check quantity, colour and quality on delivery



Rolls to be stored in upright position



Delivery will be palletised, therefore ensure that there will be sufficient access space for the delivery vehicle and space to store the product.



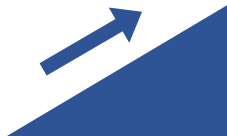
Mats can be bulky and heavy, always use two people to carry the mats.

Conditions to be checked prior to installation



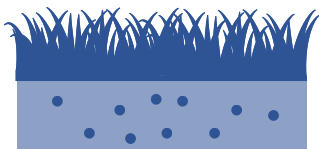
Is there full covering of grass in the area to be covered, if required, re-turf or re-seed prior to mesh installation. The performance of grass matting is enhanced when the mat has fully entangled with healthy grass

Does the area where the matting is to be installed have good natural drainage, if the area is prone to flooding, consideration to installing additional drainage should be made.



Is the site level, ground slopes should not exceed 5%.

Make sure the area is free from large and deep ruts, stones, and rocks. Repair the area as necessary. Grass matting needs to be laid tight against the ground.



Ensure there is sufficient top soil underneath the grass to allow for any fixings that will be used to secure the matting.

Installation

Introduction

The notes in this manual are produced in good faith as a guide only, the person in charge of installing the flooring, is responsible for choosing the best procedure based on the actual site conditions of the work area.

Tools Required for Installation



Secateurs



Stanley Knife and Blades



Tape Measure



Side Cutters



Spade



Straight Edge



Dust Pan & Brush



Chalk line or Laser Line



Lawn Mower



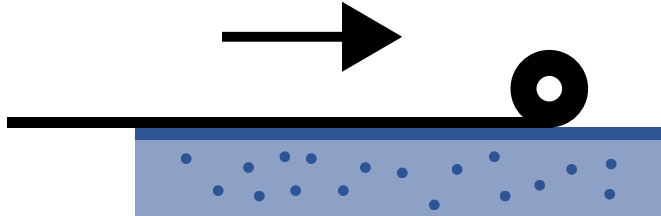
Gardening Gloves



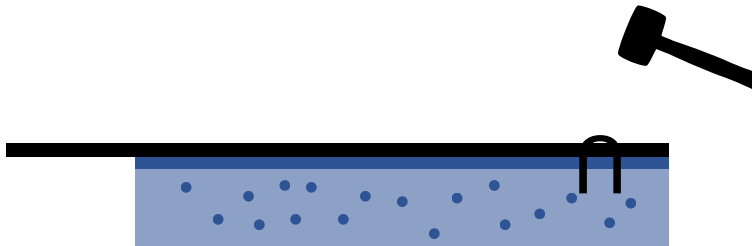
Rubber Mallet

Installation for Grass Mesh

1. Prepare the area by cutting the grass and removing the grass clippings.
2. Cut the securing bands on the matting and roll out , we advise that you turn the mesh over to prevent the mesh from curling back up. If any cuts in the mesh are required it is recommended to use secateurs.



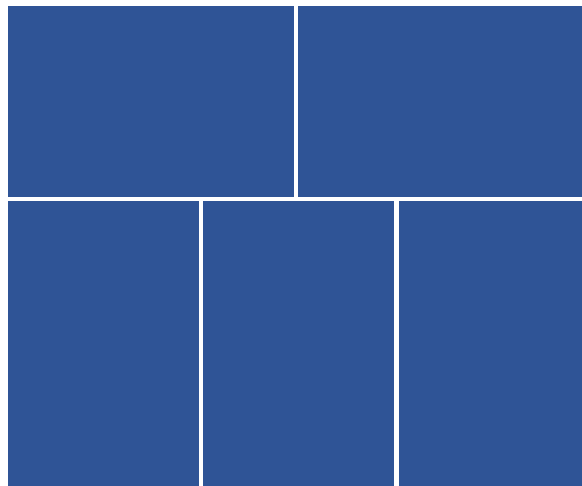
3. With the Grass Mesh rolled out, pin one end of the Mesh and allow to relax.
4. Once the Grass Mesh has relaxed, cut any surplus mesh using secateurs. To secure the mesh use metal U Pins, firmly secured into the ground using a mallet. The U pins should be 300mm - 400mm apart on the edges, and 400mm to 600mm apart in the centre



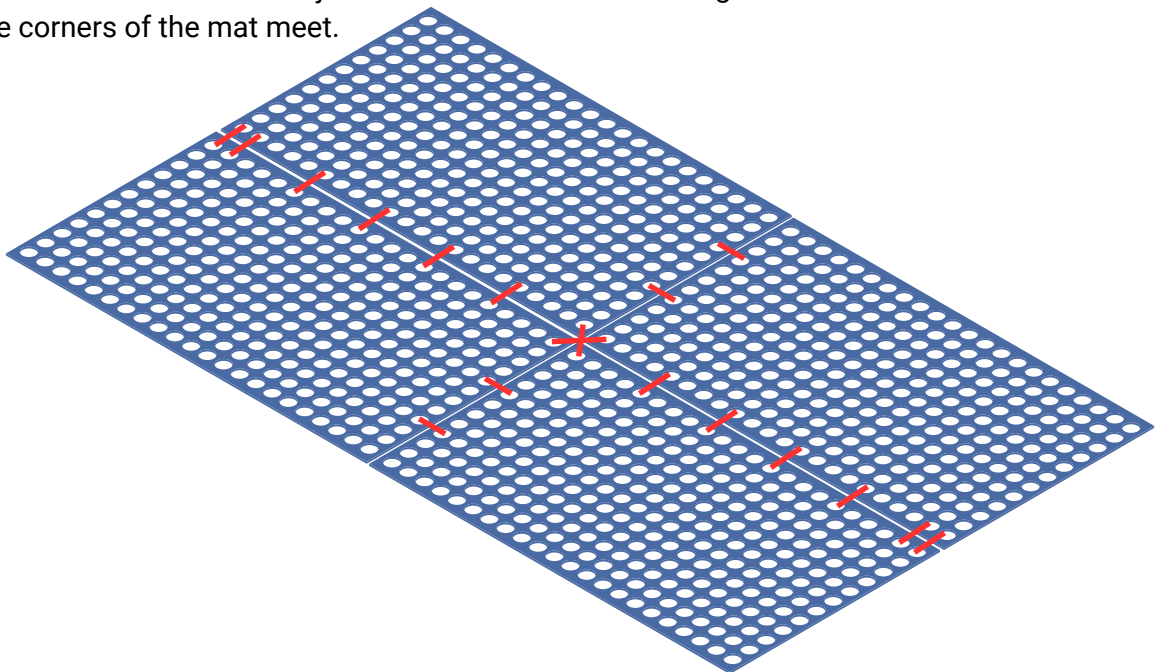
5. If more than one roll of Grass Mesh is being installed, butt the edge together and pin across the rolls to join them together.

Installing Rubber Grass Mats

1. It is recommended that Grass Mesh is installed under Rubber Grass Mats. Install the Grass Mesh in-line with the instructions in this manual. The Grass Mesh needs to be trimmed roughly 75mm - 100mm within the outer edge of the area to be covered with Rubber Grass Mats.
2. Arrange the Rubber Grass in the most effective way to reduce the number of cuts needed. Cut the mats around any obstructions like Play Equipment as required, using secateurs. 2 Mats end to end = 3 Mats side by side



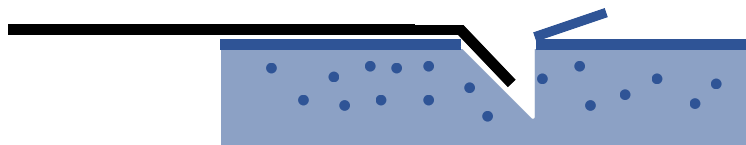
3. Once the mats have been laid out and cut. Starting at one perimeter butt the mats firmly together.
4. Once the mats have been butted together they need to be securely fastened together using cable ties. Cable ties need to be fitted every 4th hole. The cable ties need to be trimmed off in such a way to prevent the cut end creating a hazard by being exposed above the surface of the matting. Two cable ties should be used to join mats on the outer most edge. Cable ties should be crossed where the corners of the mat meet.



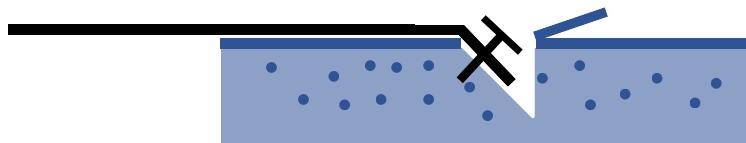
5. Cut the edge of the mats to the required shape using secateurs, following the chosen line as closely as possible.

6. The edge of the Rubber Grass matting will need to be "Dug in" to the ground. Start by using spray paint to mark the ground roughly 3 holes in from the edge of the matting. Then using a spade cut along the painted line.

7. Carefully fold back the turf on the outer edge of the cut. in the exposed soil cut a small channel, cut at an angle from the inner edge to the outer edge of the matting.



8. Then turn the Rubber Grass Mat down into the channel then using the mallet secure it with the fixing pins, along the chamfered edge of the channel



9. Once the mat is fully secured with the pins along the edge, refill the channel, firm the soil into place, leaving it slightly proud of to allow for settlement. Once the channel has been backfilled refit the turned over turf

10. The Grass will grow through the holes in the rubber matting within 4 - 6 weeks. Grass can be mown as normal.

Installing PlaySafe Matting

Important Notice:

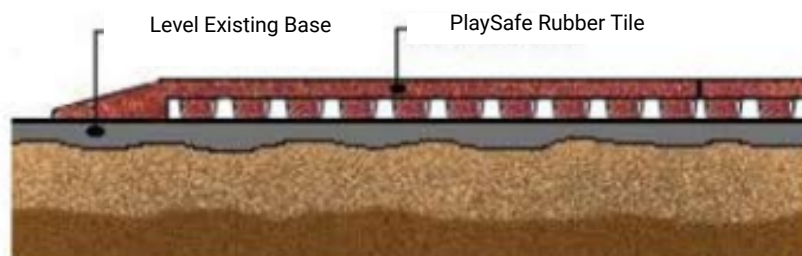
The installation of PlaySafe playground matting, needs to be carried out by a specialist contractor and inline with BS EN 1176 (Playground Equipment and Surfacing) and BS EN 1177 (Impact Attenuating Playground Surfacing) These standards may be updated or superseded, so prior to the commencement of any work, ensuring that the installation will be compliant with the active regulations.. The installation information in this manual is for guidance only, and is

PlaySafe Matting can be surface mounted in applications where there is an existing good level, solid base already in place. Alternatively the tiles can be flush mounted to meet the level of the surrounding area.

Surface Mounted

Surface mounting the PlaySafe tiles on an existing substrate will require a survey to be carried out by a suitably qualified person. The survey will need to include a review of the existing surface, foundation or base, and drainage.

It is recommended for surface mounted installations, that ramped tiles are installed to the edges and corners to avoid trip hazards and to ease access for wheel chairs.



Excavated Flush installation

Alternatively, the tiles can be flush-mounted, laying in an excavated area, this means the tiles will sit level with the ground providing easy access to playground areas for all ages and abilities. A great benefit of the Polymax PLAY tiles is that when the substrate (ground beneath) is flat adhesives or cement are not required to hold them in place, allowing for an easy install.

When excavating for a flush-mounted application, the overall stone level must be flat. If the groundwork is being installed on an incline, the slope must not exceed 1:10. Alongside this, the internal measurements of the surfacing must extend to a minimum of 1.50 meters beyond any extremity of the playground equipment, this is in accordance with European standard rules.

The excavation must also be a minimum of 150mm PLUS the desired thickness of the playground floor tiles with the PCC edging to be installed in straight lines and at an even plane, bedded and haunched with 100mm class E concrete. Regardless of what groundwork you choose to use, you must leave exactly the right depth to fit the playground floor tiles into the excavated area.

On the base of the excavation must lie a minimum of 75mm M.O.T type one stone which should not exceed 8mm (plus or minus) in any direction under a 3-meter straight edge, this will ensure adequate drainage during and after wet weather.



It is often recommended that the compacted stone level is finished below the top line of the PCC edging to allow for the exact thickness of the Playground flooring tiles and 75mm of concrete oversight. Tiles are to be laid tight within the PCC edging and 'shoehorned' into position to ensure a secure fit.

Stable Matting

The Polymax stable matting is not intended to be sealed or fixed to the ground, however to ensure that the mats deliver the optimum performance and comfort we recommend that the following instruction are followed.

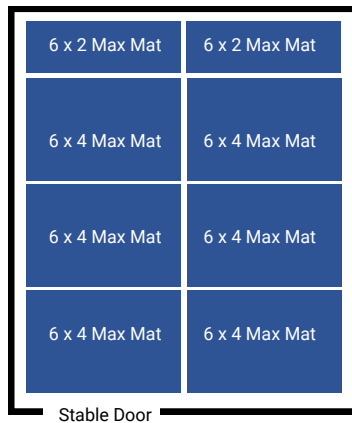
Notes:

Stable mats are heavy and may require 2 people to be involved in the installation

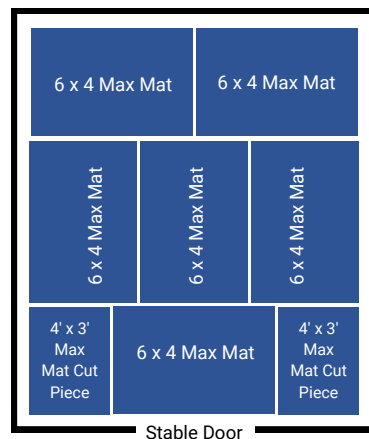
Step 1 Measure and Plan

Decide on the layout of your mats. Generally, it's best to start laying mats from the front to the back of the stable, leaving the door area free of joins. Below are some examples of the best layout for typical stables.

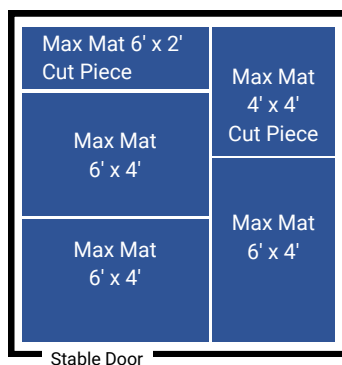
Typical 14' x 12' Stable



Typical 14' x 12' Stable
(Variation)



Typical 10' x 10' Stable



Typical 12' x 12' Stable



Step 2 Prepare the Stable

Before laying the mats, thoroughly clean and disinfect the stable floor to ensure a sanitary environment for your horse. Make sure the floor is completely dry before proceeding. Alternatively, you can sprinkle powdered disinfectant under the mats to help maintain cleanliness and reduce odors over time.

Step 3 Laying the Mats

Begin laying the mats from the stable door, ensuring there are no seams or joins at the entrance. Position the longer sides of the mats along the door area, as this will help minimise any wear and tear over time. Start by laying the full mats first, ensuring they fit snugly together. By placing the mats this way, you eliminate the possibility of water seeping through the seams at the entrance and ensure the mats stay securely in place.

Step 4 Cut the Mats to Fit

Measure and mark the areas where cuts are required, focusing on the edge that will fit against the walls. Depending on the shape and positioning of the walls, it may be necessary to profile the cuts along the contours of the walls to achieve a snug fit. Use a sharp Stanley knife to cut the mats, ensuring clean edges by using a straight edge as a guide where possible.

Pro Tip: For smoother and easier cutting, place a broom handle or similar object underneath the mat to create a bend, allowing for a more controlled cut.

Step 5 Fitting the Mats into Position

Once all the mats are in place, use a mallet or hammer to gently tap them into position. This will ensure the mats are tightly wedged against the walls and each other, preventing any gaps or shifting over time.

At your discretion, you can apply black mastic around the edges, particularly in areas where the floor or walls are uneven. This will help seal any gaps and prevent moisture from getting underneath the mats, ensuring better hygiene and longevity.

Step 6 Comfort and Maintenance

During hot weather, the mats may expand slightly. Regularly check for any lifted edges and, if necessary, trim the edges along the wall to maintain a tight fit.

If any mat becomes damaged over time, it's recommended to replace it to maintain the highest level of comfort for your horse.

For added comfort, consider adding a layer of bedding such as two bales of wood shavings. This will provide your horse with a soft and comfortable surface while also enhancing the overall durability of the mats.

Post Installation

In the case of grass mats they are exposed to direct sunlight, therefore they may expand immediately after initial installation, they will contract in cooler weather. This expansion will cease once the grass is entwined with the matting. To encourage grass growth it is advised to apply some fertiliser to the grass to encourage growth and the entwining of the grass and the matting.

After Care and Cleaning

Our Rubber Mats are incredibly low maintenance and only require regular visual checks, to ensure that the retaining pegs and ties are sound and that there are no tears to the matting

Any mat showing signs of defects, should be replaced as soon as possible to ensure the integrity of the installation, and maintain a safe area.

Should pegs or ties become damaged, simply replace them as required.