



## Mototile Seamless Garage Flooring Advisory Notes.

*These notes refer mainly to Mototile Seamless 333 x 333 x 7mm interlock designer tiles.*

Motomat and Motolock tiles differ from the seamless tiles in a number of ways, including having a *visible* interlock mechanism and with MotoMat being twice as thick and suitable for use outdoors and in standing water.

To get the best results for your new garage floor and to ensure a trouble free and long working life from the tiles we offer the following guidelines and advice. Many of the issues we mention are common to all PVC based tiles but we have tried to minimize them in our interlock designs and by using at least 7mm thickness solid PVC.

**Mototile Seamless** and **Motolock** tiles are intended for indoor / covered use and can be laid over any hard, clean and level surface. They are not recommended for situations where they would be constantly exposed to the elements. **Motomat** recycled tiles are, however, designed for indoor or outdoor use, including use in standing water.

### Basic installation requirements

Sweep and / or vacuum through the floor before laying the tiles and fill any substantial holes or cracks in the floor (eg. with a rapid cure self-leveling compound).

Tiles can be laid without using adhesives for most domestic garages although there are a some circumstances, noted below, where gluing certain tile areas to the floor is advised.

### Installation and Operating Temperatures

All PVC based tiles expand and contract as temperatures change. At a very low temperatures the tiles become harder, less flexible and subject to contraction while, at high temperatures, the tiles become softer, more flexible and subject to expansion. With this in mind we offer the following advice.

The minimum recommended temperature for installing the tiles is 15°C

You may need to glue down tiles that are exposed to prolonged direct sunlight, which may cause tiles to become displaced as they soften and expand more quickly than the rest of the floor area.

You must always leave the tiles to acclimatise before laying. Open up all the boxes, spread the tiles evenly over the area you will be laying and leave for a minimum of 24 hours before commencing fitting. This process also enables you to check tile quality, quantities and to 'rough layout' a floor pattern design before you begin fitting.

Do not try to install directly after you have received your delivery - be patient!

When fitting allow a minimum 5mm expansion gap between the floor and fixed points like walls or piers to allow for any slight expansion or contraction due to temperature changes.

If the tiles will continue through a doorway into an adjacent area we recommend that these tiles be glued down.

Catalytic converters and exhaust systems can get extremely hot so we recommend that you don't leave your vehicle parked and running on your Mototile floor as tiles could overheat and become displaced or damaged. Vehicles with a low ground clearance should be allowed to cool off before driving on the tile floor to avoid deformation or damage to tiles.

### **Tight turning circles**

If you need to use much steering lock when driving into the garage then tiles may be twisted out of their interlock and have to be refitted. We recommend that you glue down tiles that could experience strong turning forces.

### **Tyre marks and stains**

Tyres may, sooner or later, mark or stain the tile due to a chemical reaction between additives in the tyre compound and the plasticizer used in the production of the tile. This staining reaction can occur with most floor coverings including tiles, vinyl and paints.

To reduce the risk of tyre marking consider using Black or Graphite Grey tiles in the areas where your wheels will sit. Should staining occur it would be less obvious or visible on darker coloured tiles.

We cannot predict if or when a tyre compound reaction may occur and do not consider tyre staining to be a defect in the product so we are unable to replace tyre stained tiles free of charge. We have tested acetone for removing tyre stains and found it to be very effective.



### **Pressure Points - Car Jacks and Bike Stands**

PVC based tiles will compress under heavy loads concentrated on a small area, such as car jacks, bike stands, fork lift trucks etc. but will always return to their original shape. We recommend that you use a suitable board beneath jacks and stands to spread the weight evenly over a wider area.

### **Colour match, traceability and batch control**

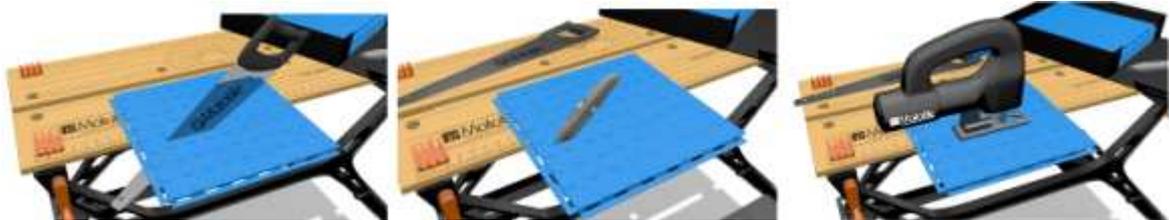
Each order is supplied fully from a single batch and we cannot guarantee perfect colour consistency, to a level of 100%, between batches. However we do retain a quantity of tiles from each batch in the event that replacements are required at a later date. The batch number is clearly shown on your paperwork, which you should retain for reference.

## Tools required

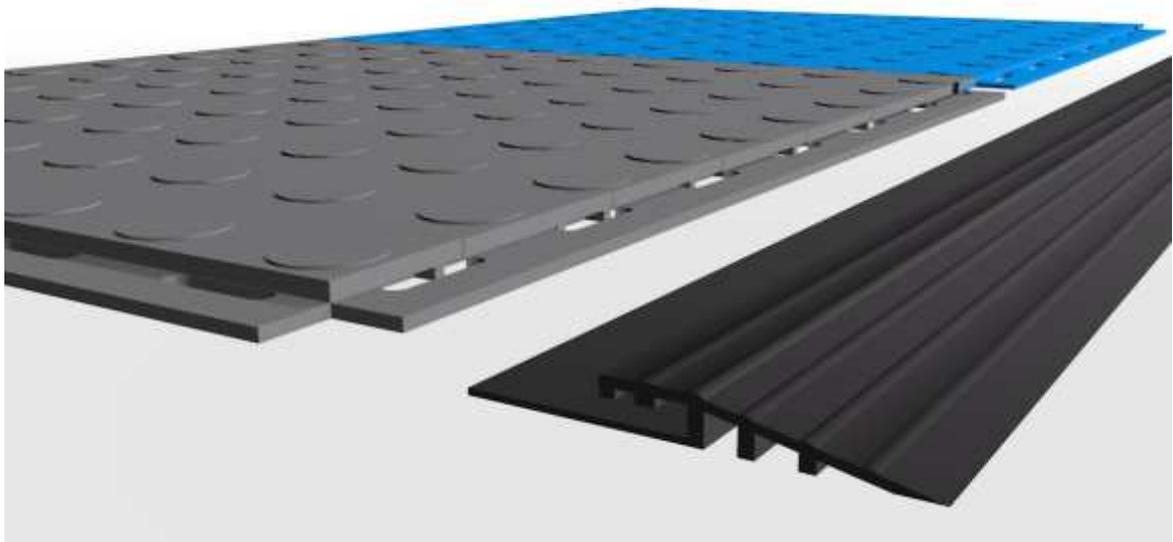
All you will need to lay the tiles in most cases are:

a white non-marking rubber mallet, which we can supply

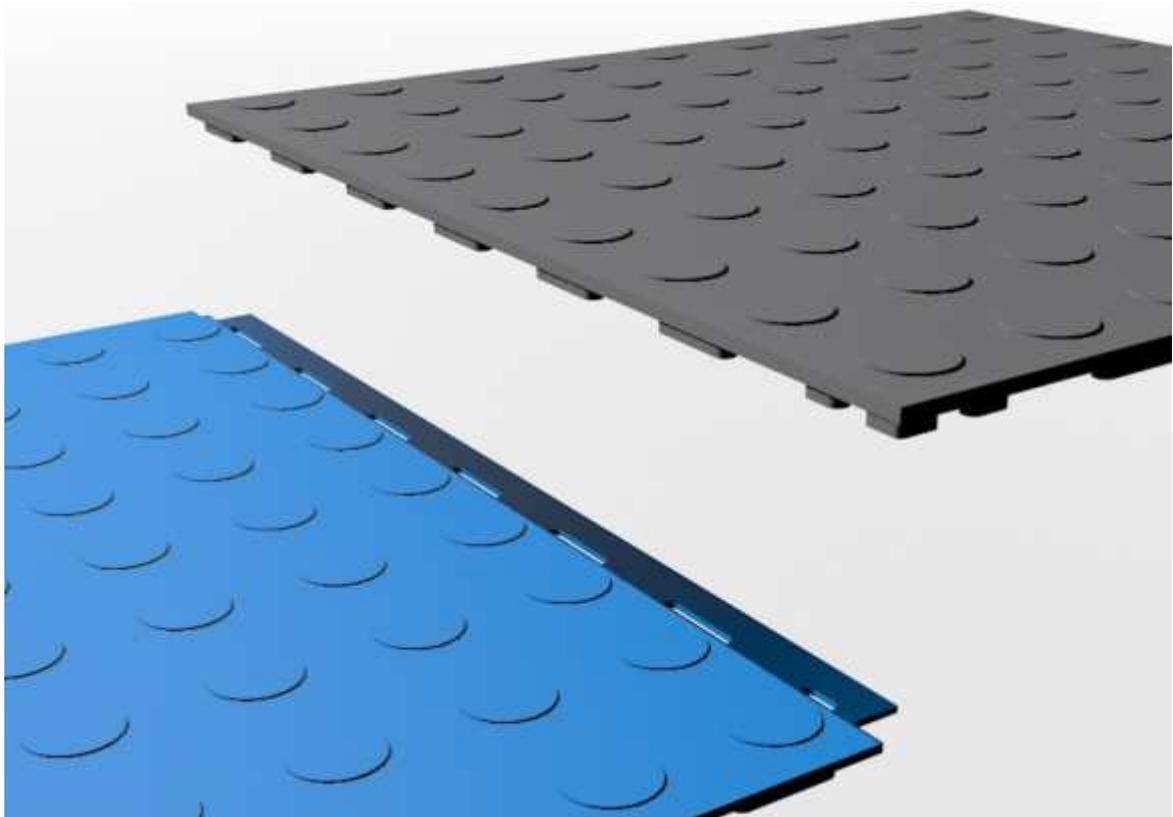
a hand saw or stanley knife or a power jigsaw for cutting



Start with the fixing tab facing the door opening so that tiles can interlock with the ramp system



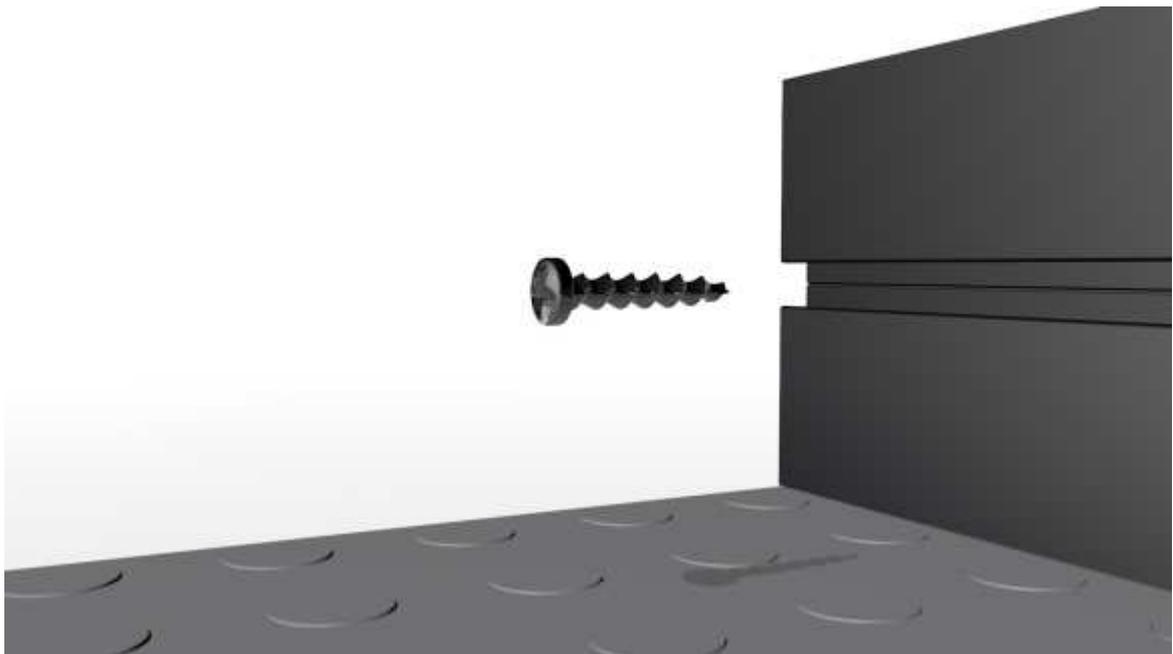
Please do not force the tiles together, offer up the corner of the tiles and using the non marking rubber mallet tap the joints together gently. If tiles are not locking together without a lot of force then they may not be properly aligned.



Always leave the floor to settle for 24 hours before measuring and cutting the perimeter tiles which will go up against walls or piers etc

Allow a minimum 5mm expansion gap between the floor and fixed points like walls or piers to allow for any slight expansion or contraction due to temperature changes.

Instead of using a caulk at the expansion gap around the perimeter consider using Mototile skirting, with its hidden fixing, which can be matched or contrasted with the colour of your tiles.



If cutting the tiles with a knife make sure it has a sharp blade. It is better to make several light scoring cuts rather than one heavy cut.

Consider creating a cardboard template from the boxes the tiles came in for any difficult shaped cuts.

If the tiles are to continue through a doorway into an adjacent area we would recommend that these tiles are glued down: consider undercutting wooden door jambs by sliding the tiles underneath for a neater finish.

## **Cleaning and Maintenance**

Regular light cleaning once a week is better than a heavy clean once a month.

Brush or vacuum the floor first then sponge mop using a normal household, non-abrasive, floor cleaning detergent (neutral ph) at a weak concentration. Use a damp mop rather than soaking the floor with a lot of water.