



Vinyl Connecting Tiles Installation Guide



Contents

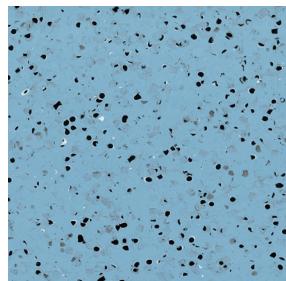
Our Range	
<u> Tile Selection (with Codes)</u>	<u>3</u>
Introduction	
<u> Setup</u>	<u>4</u>
<u> Specifications</u>	<u>4</u>
<u> Choice of Joint Treatment</u>	<u>4</u>
The Process	
<u> Preparation</u>	<u>5</u>
<u> Tools Required</u>	<u>5</u>
<u> Laying the Strip</u>	<u>5</u>
<u> Strip Laying Diagram</u>	<u>6</u>
<u> Laying the Tiles</u>	<u>7</u>
<u> Interlocking Instructions</u>	<u>7</u>
<u> Cutting</u>	<u>8</u>
<u> Edging</u>	<u>8</u>
Special Features	
<u> Skirting</u>	<u>9</u>
<u> Expansion Joints in Substrate</u>	
<u> Structural expansion joints recessed in the tiling</u>	<u>9</u>
<u> Covering expansion joints installed after GTI tiles are laid</u>	<u>9</u>
<u> Ends and Doorways</u>	
<u> Heavy Traffic</u>	<u>9</u>
<u> Moderate Traffic</u>	<u>9</u>
After Placement	
<u> Repairs</u>	<u>10</u>
<u> First Use</u>	<u>10</u>
<u> Underfloor Heating</u>	<u>10</u>
<u> Maintenance</u>	<u>10</u>



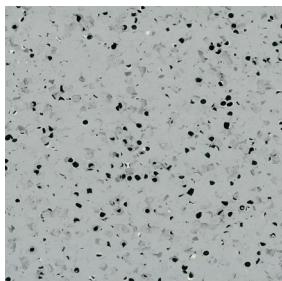
Our Range

Tiles (635mm x 635mm x 6mm)

Blue - 084-0040



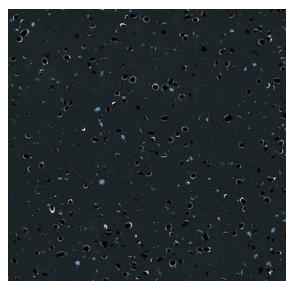
Grey - 084-0041



Beige - 084-0042



Black - 084-0043

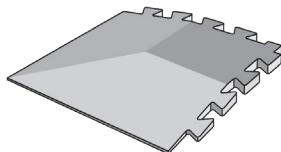


Light Grey - 084-0044

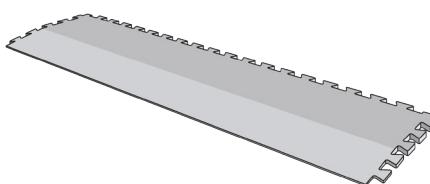


Extra Parts

Connect Corner Section
084-0046



Connect Ramp
084-0047



Copper Tape
084-0045



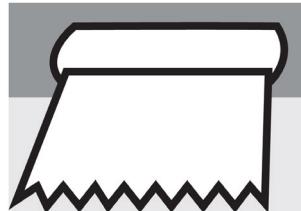
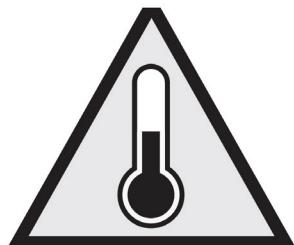
Bonding Point
070-1012



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Introduction

Setup



Before laying the flooring, it is a good idea to inspect it and identify any problems with the appearance.

If there are visible defects, please notify Antistat and wait to hear from us before laying the flooring.

ANTISTATIC ASTATIC FLOORINGS (ASF) < 2kW

Standard fitting. These floorings do not require any specific fitting method.

(No copper strip required)

DISSIPATIVE (DIF) AND CONDUCTIVE (ECF) FLOORINGS

Fitted with copper strip. Store the tiles for 24 hours in the room where they will be fitted.

Specifications

- REQUIREMENT SPECIFICATION FOR CONDUCTIVE FLOORINGS -**

It is the responsibility of the client and/or contractor to set out the applicable standard in the requirement specification.

- METHODS FOR RESILIENT FLOOR COVERINGS -**

Europe: EN 1081. Transverse resistance and surface resistance on tripod

USA: ASTM F150 /NFPA 99 (2 cylindrical electrode)

- METHODS FOR ELECTRICAL INDUSTRIES -**

Europe: CEI 61340-4-1

USA: ANSI/ESD S 7.1

Choice of Joint Treatment

This material is mechanically interlocked, **without skirting**.



The Process

Preparation

Substrate should register moisture content 7% at 4 cm with a carbide bomb test.

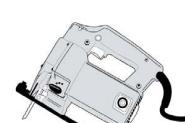
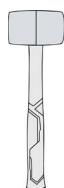
This flooring must not be laid in rooms subject to temperature fluctuations greater than 20°.

This flooring does not remove the need to prepare the substrate. It must be laid on a DTU 13.3 compliant substrate. To guarantee good conductivity, you must ensure that the substrate is level.

Because this flooring has specific electrical characteristics, you are recommended to lay it as outlined in this guide.

Tools Required

1M Ruler	Tape Measure	Synthetic Resin Mallet	Dead Blow Hammer	Cutter	Jigsaw/Bandsaw	Circular Saw
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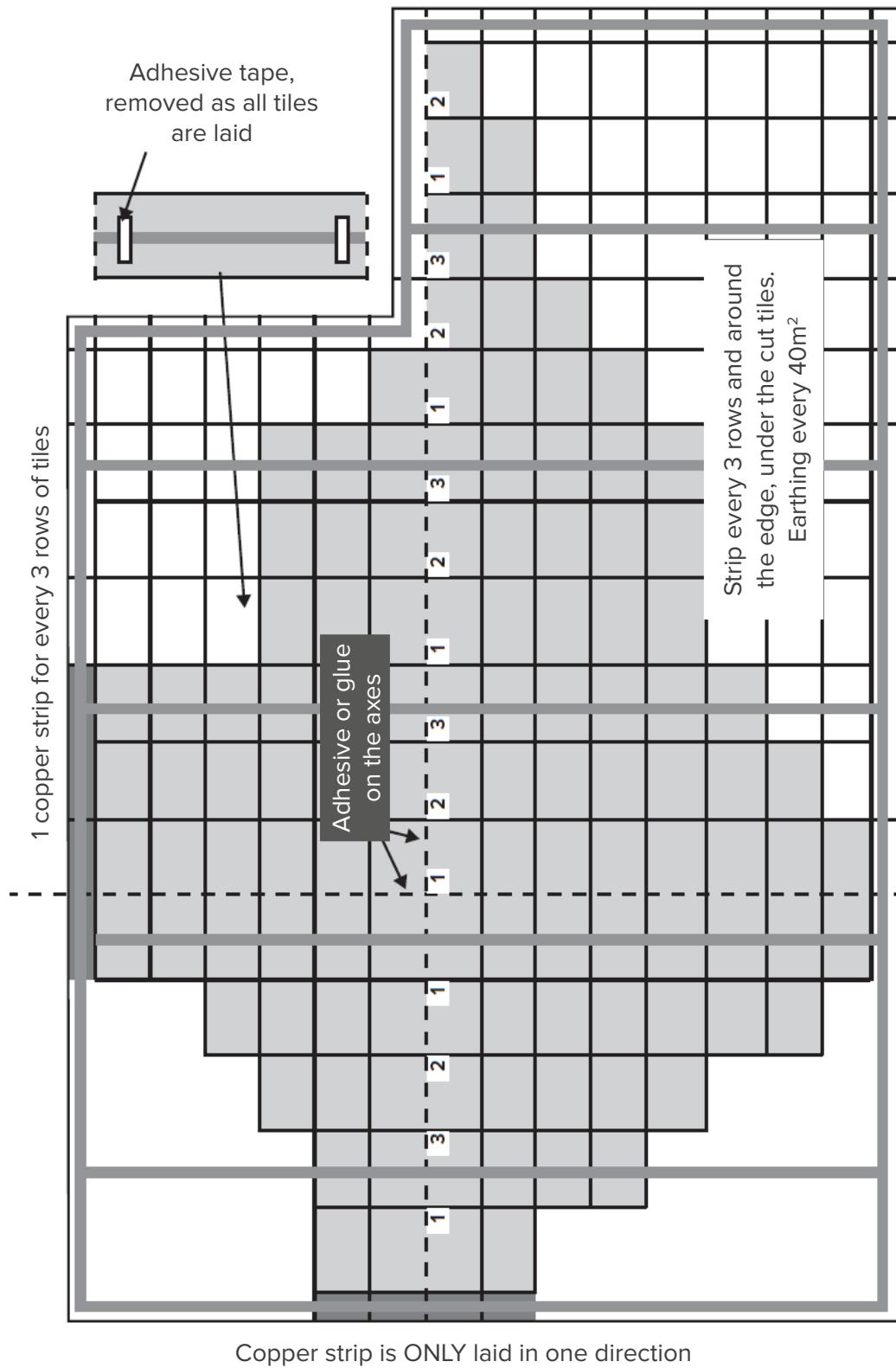
Laying the Strip

- Lay 1 copper strip for every 3 rows as you lay the tiles and in one direction only.
- Lay a copper strip around the edge of the room. Use adhesive tape to hold the strips in place, removing the tape as you lay the flooring.
- Leave some extra length at the end (about 15 cm) so the electrician can connect it to earth for every 40 m².

Note: The copper strip can be located later with remote imaging.

Do not use adhesive copper strip as the incomplete contact with the back of the material may impair the earth, depending on how level the substrate is.

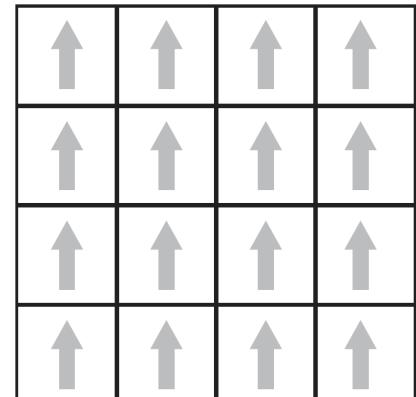
IMPORTANT: The information in these documents is valid from: 17/03/2023 and we reserve the right to make changes without notice. The technology is constantly evolving, so before carrying out any work, our customers should contact us to check that this document is still valid.



Laying the Tiles

Before you start:

1. The tiles are supplied on pallets. Different batches must not be mixed together
2. Laying direction: tiles are ALL laid in the same direction. Observe the direction indicated by the arrow on the back of the tile.
3. Pressed materials, such as vinyl tiles, may have dimensional tolerances between series or between colours. In this case, the tiles can become slightly offset. Therefore, the entire row of tiles must be overlapped to continue laying.



Back of the tiles

To Begin:

- Mark out the axes on the ground.
- Interlock the tiles, laying them all in the same direction.
- Follow the axes you marked out, laying the tiles in a staircase pattern (as shown below).
- As you move forward, remove the adhesive tape holding the strips.

Interlocking Instructions

- Interlock the tiles by striking them with a plastic hammer.
- Arrange tiles on the substrate and interlock from the angle to the edge.
- Position all the tiles in the same direction, following the arrows on the back of the flooring.

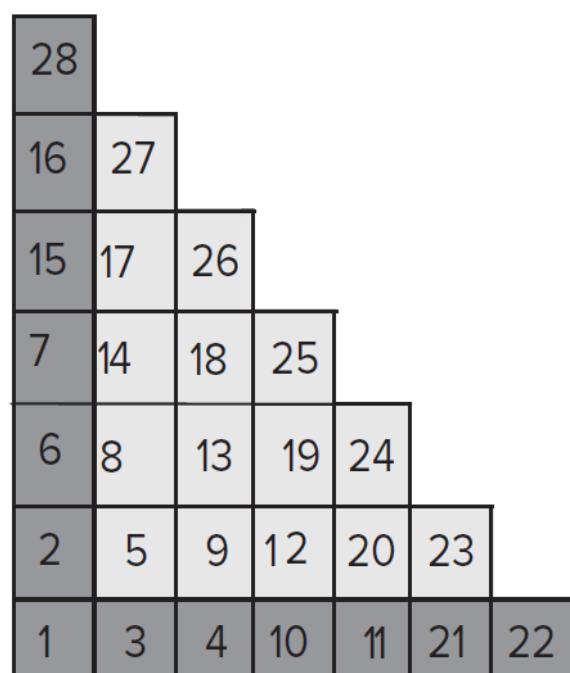
Key



Tiles laid to guidelines



Order of laying other tiles



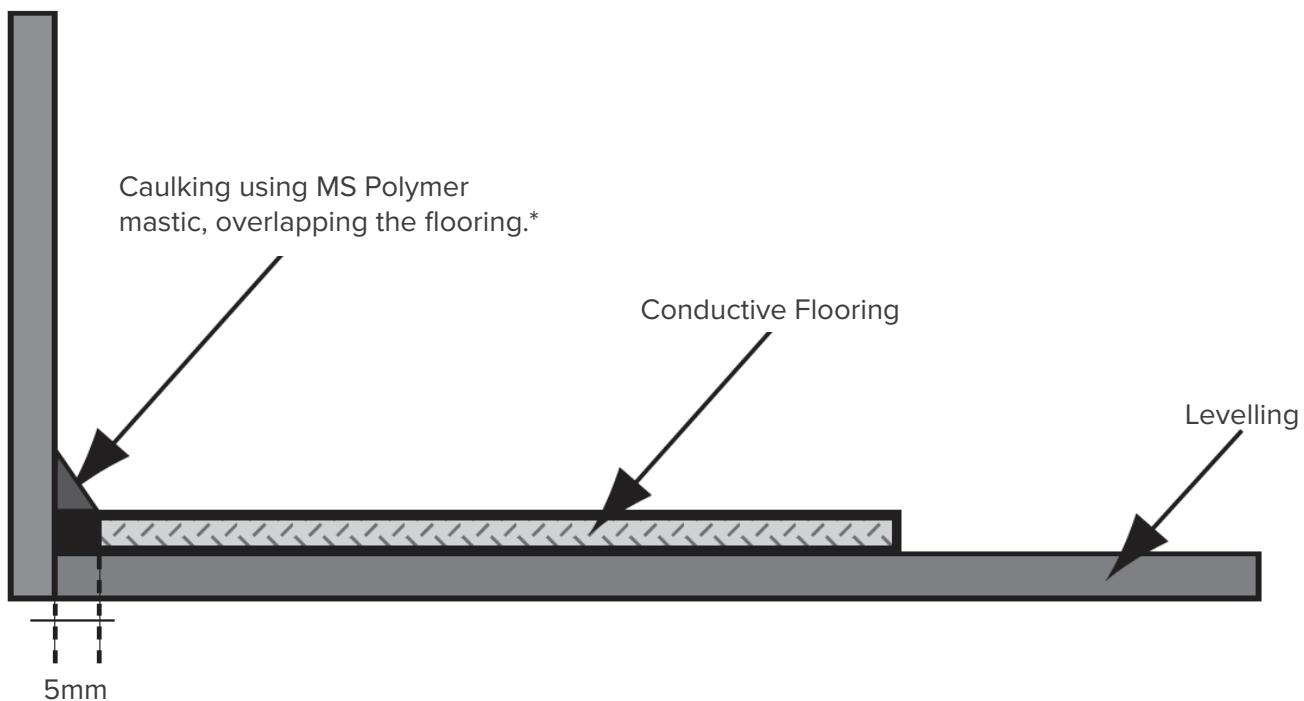
Cutting

- Use a cutter (make one marking cut and two surface cuts before snapping the tile).
- To help, you are recommended to heat the material with a hot-air paint stripper. This method means that no jigsaw is necessary.
- Use a jigsaw or high leverage nippers for more difficult cuts (door frames, etc.).

Note: If there is a lot of cutting, we recommend keeping a circular saw on site.

Edging

- Map out the room to balance the cuts at the edges. The cut tiles must be at least half a tile wide.
- Leave a space of 5 mm along the walls. Compression of the mastic is including in the gap.
- Caulk the edges with MS Polymer mastic.



**Recommended to use Bostik Polymer MS107.*



Special Features

Skirting

Flexible skirting to finish the junction between floor and wall.

Expansion Joints in Substrate

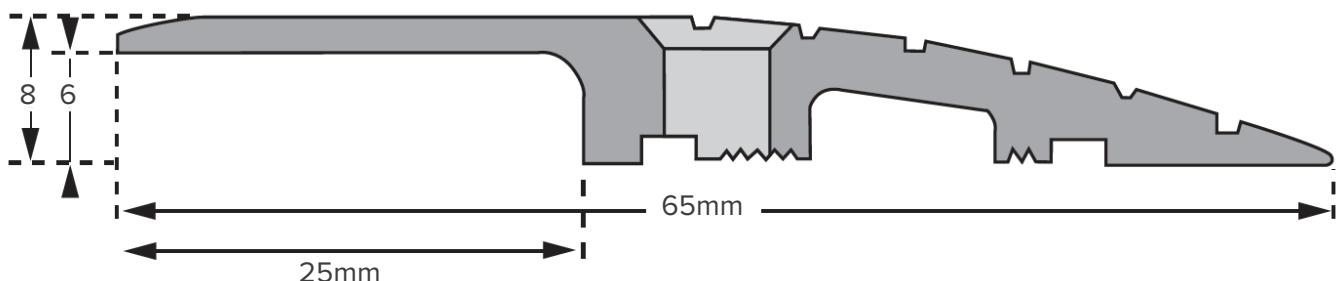
Structural expansion joints recessed in the tiling - ensure the two tiling areas are completely level. Install the recessed expansion joints, type CJ 20+0. The tiles are loose-lay, so it is not necessary to stop on either side of the expansion joint.

Covering expansion joints installed after GTI tiles are laid - In this case, the two areas of tiling on each side of the expansion joint must be treated as separate areas, so a copper edging strip is required on both sides of the expansion joint cover. The profile extends over the flooring and is fixed on one side only.

Ends and Doorways

Use the following profiles depending on conditions of use: traffic, humidity, etc.

Heavy traffic, pallet trucks, etc.



Moderate traffic

EXTRA PARTS AND ACCESSORIES

Connect Ramp*	635 mm / 320 mm	084-0047
Connect Corner Selection*	320 mm / 320 mm	084-0046
Copper Tape	10mm / 200m	084-0045
ESD Bonding Point	-	070-1012

*These accessories must be glued down, either using a 2 components PU adhesive and weighted until the adhesive sets (6 to 12 hours), or using an acrylic double bonding adhesive.

After Placement

Repairs

If a tile needs to be replaced:

- Cut a dovetail
- Disengage the dovetails
- Replace with a new tile

First Use

- For normal traffic, the floor can be walked on immediately after it is laid.
- To move furniture, lay panels to distribute the load.
- Do not allow rubber feet to be used on furniture.

Underfloor Heating

Underfloor heating should be turned up gradually over the 7 days after the flooring is laid.

Maintenance

- Wait at least 24 hours after installing the flooring to clean it
- Remove dust and particles using a broom or an industrial vacuum cleaner
- Clean the floor with a scrubber drier using an alkaline detergent
- Rinse with clean water to remove all traces of the detergent
- Leave to dry

Note: Do not use too much water on the flooring to prevent water penetrating between the tiles.



Notes:



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ANTISTAT

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