



Ambient temperature
Min: 10° C



Substrate temperature
Min: 10° C

Before laying the floor covering, it should be inspected so as to detect any visual defects. In the event of any visual defects, please notify Belgotex NZ and do not start laying the product before receiving their approval.

CONDUCTIVE FLOORING

If the substrate is porous, apply an acrylic primer. Glue down using an acrylic adhesive + copper strip: code 0586 (length: 200 m) installed crosswise in relation to the rolls and spaced no more than 10 m apart. Store the adhesive and rolls (unrolled and laid flat) for 24 hours in advance in the room where they will be fitted.

SPECIFICATIONS

Commercial designation :

MIPOLAM EL5 / MIPOLAM BIOCONTROL EL5 / MIPOLAM BIOCONTROL ESD+

The adhesive manufacturer must guarantee the stability of the electrical resistance of the dry film, which is given for a service life of more than 10 years.

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.
- The adhesive manufacturer must guarantee the stability of the electrical resistance of the dry film, which is given for a service life of more than 10 years.

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

For all methods applied, please refer to our last Flooring Technical Datasheet.

1. CHOICE OF JOINT TREATMENT

This material can only be heat-welded (at least 24 hours after gluing)

IMPORTANT

Joint and edge treatment depend on water exposure of the room:
See installation guidelines [501] "tiles and rolls welding". * Skirting must be installed after the flooring is laid.

WATER EXPOSURE	JOINT AND EDGE TREATMENT
Room exposed to water (bathrooms, kitchens...)	Joints heat-welded + caulked at the edges (leave a 3 mm gap to apply mastic)
Room with a prolonged exposition to water	Joints heat-welded + coving

2. LAYING

Preparation

This flooring does not remove the need to prepare the substrate. Before laying the flooring, the substrate must be prepared in accordance with NZS AS 1881:2013 and Floor NZ Best Practice Guidelines for the NZ Flooring Industry - Resilient Floor Coverings Planning and Installation. To guarantee good conductivity, you must ensure that the substrate is level. The flatness requirements are <5mm under 2m ruler and <1mm under 20cm ruler. Because this flooring has specific electrical characteristics, it should be laid using the following method.

■ 2.1 - APPLYING THE PRIMER (IF NECESSARY)

- Mix thoroughly before each application. Use a roller to apply a thin, even layer of aqueous phase primer with a coverage of about 100 to 150 gr/m².
- Leave to dry according to the adhesive manufacturer's instructions.

■ 2.2 - EARTHING THE STRIP

Coordinate the arrangement of earth connections with the electric power company before you start laying the flooring.

An earthing strip must be provided.

■ 2.3 - LAYING THE FLOORING

Unroll the flooring 24 hours in advance in the room where it will be fitted. As far as possible, and taking account of the roll width, joints between rolls must be situated away from areas of heavy

traffic. The rolls must run towards the wall with the main window, or lengthways. Take account of the position of the earth connections.

IMPORTANT:

- Laying direction: Same direction see general table.
- Heat welding: leave a space of 1 mm between the rolls.

■ 2.4 - APPLYING ADHESIVE TO THE SUBSTRATE AND LAYING THE ROLLS

- Apply adhesive 24 hours after positioning the rolls.
- Lay the flooring in single spread using an aqueous dispersion adhesive (acrylic).
- Fold the rolls in half, then apply the adhesive evenly using an A2 spatula (TKB standard).
- Coverage: depending on the type and composition of the adhesive (about 300 to 350 gr/m²). The spatula will need to be changed regularly to maintain this coverage.
- Lay the rolls after the specified drying time.
- Fold back the other halves and follow the same steps.
- Do not overlap two adhesive films when you apply more adhesive.
- As you work, remove any fresh adhesive left behind.

■ 2.5 - LAYING THE COPPER STRIP

Lay the copper strip CROSSWISE underneath all the rolls.
Place the copper strip on the adhesive as you lay the rolls.

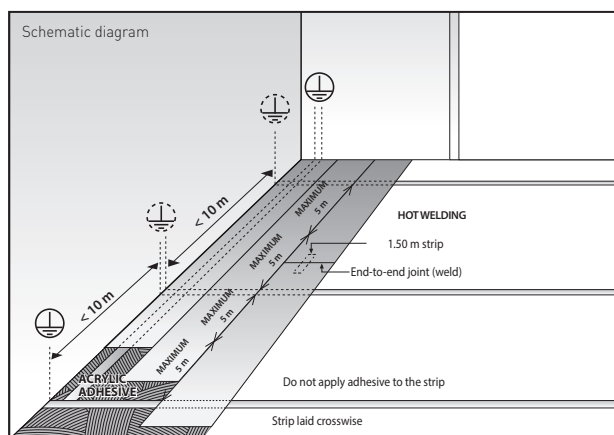
The furthest point from the continuous strip must not be > 5 m.

If there is an end-to-end joint, place a 1.50 m wide strip across the two rolls.

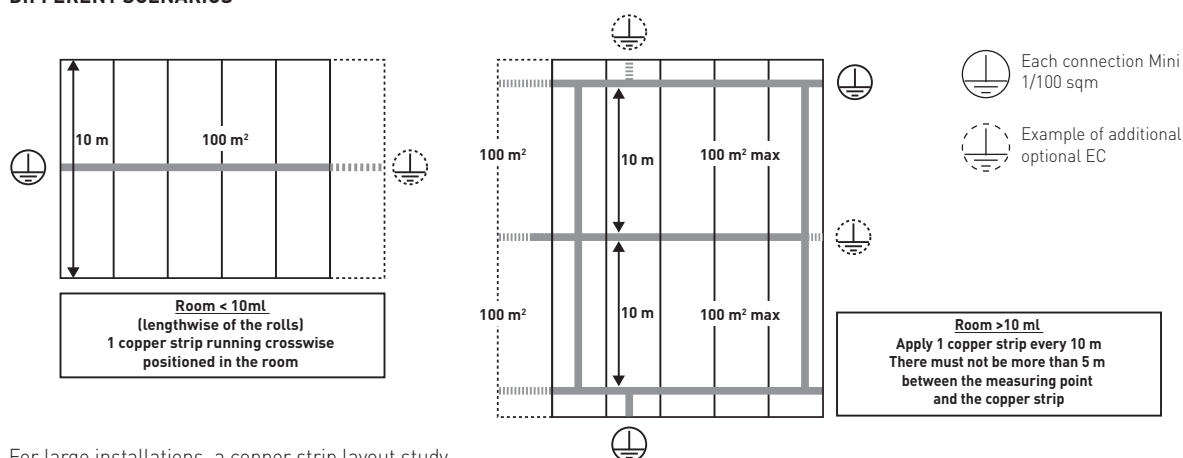
The copper strip must ONLY be laid after the specified drying time, without excessive smoothing in order not to displace the adhesive underneath.

After laying the strip, make sure there is no adhesive on top before folding back the rolls.

- The copper strip can be located later by telegraphing.
- Connect copper strips to Earth.



DIFFERENT SCENARIOS



For large installations, a copper strip layout study can be done on request.

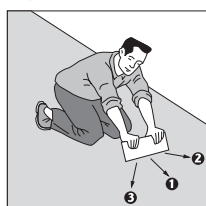
■ 2.6 - SMOOTHING

Smoothing must be done in two passes:

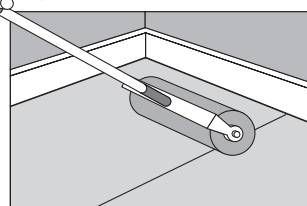
- Manually using a smoothing block.
- Careful smoothing over the entire surface using a smoothing roller (heavy), to flatten the lines of adhesive and to ensure that the adhesive coats the back of the flooring properly.
- Crosswise smoothing over the copper strip

This is done as the flooring is laid, and again after work is finished.

1st pass: manual smoothing



2nd pass: smooth with a roller



■ 2.7 - JOINT TREATMENT

The flooring is heat welded 24 hours after it is glued down.
See installation guidelines [501] "tiles and rolls welding".

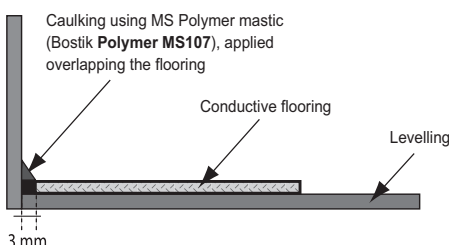
■ 2.8 - CAULKING

In rooms exposed to water (bathrooms, kitchens etc...) :
installation with edging and/or caulking

In rooms with a prolonged exposition to water :

Installation with coving system

See installation guidelines [502] and [502A] coving system.



■ 2.9 - TIME BEFORE FIRST USE

- For normal foot traffic, the floor can be used 48 hours after completion of work.
- For installing furniture or moving loads on wheels, wait 72 hours after completing the work.
- Do not use rubber feet on furniture.