LAYING TECHNIQUES FOR STATIC CONTROL TILES

Before laying the flooring, examine it to detect any problems of a visual nature. If there is an aspect defect, inform Gerflor and do not start laying without its agreement.

In accordance with the local standards

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<tr>
<th>ASTATIC (ASF) ANTISTATIC FLOORING &lt; 2kW</th>
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<tbody>
<tr>
<td>Standard laying. These floorings do not need any special laying method. (No copper strip)</td>
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<th>DISSIPATIVE (DIF) AND CONDUCTIVE (ECF) FLOORING</th>
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<tr>
<td>Lay with conductive* pre-coating, conductive adhesive, + copper strip: code 0586 (length: 200 lm)</td>
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<td>Store adhesive and rolls (unrolled and laid flat) 24 H in the area to be floored before laying.</td>
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<td>* Only in the case of an application with a conductive adhesive in aqueous phase</td>
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• 1 - CHOICE OF JOINT TREATMENT
This product must be installed with a coving system and welded at least 24h after gluing.

• 2 - LAYING (METHOD B)
Preliminary arrangements
As this flooring has special electrical properties, it should be laid using the following method.

2.1 - Application of the conductive pre-coating
• Thoroughly mix the product before every application, then with a foam roller uniformly apply a thin coat of conductive primer at about 100 to 150 gr/m².
• Let it dry in accordance with the adhesive manufacturer's recommendations.
NB: If a dual component reactive adhesive is used, DO NOT APPLY A CONDUCTIVE PRIMER (in aqueous phase)

2.2 - Installing the strip
• Put 2 lm of the strip every 40m².
• Leave an end (of about 15 cm) for the electrician to connect to earth.
• The strip is laid on the pre-coating then embedded in the adhesive.
• We advise ring earthing the area 10 cm from the walls
• The copper strip remains visible by telegraphing after laying. This enables it to be located.
2.3 - Applying adhesive
• Spread the adhesive with a spatula recommended by the adhesive manufacturer) on the surface compatible with its setting time.
• Take care not to cut or damage the strip when applying adhesive.
• Adhesive can be applied to the strip.
• Coverage: depends on the nature and composition of the adhesive (about 250 to 300 gr/m2).

2.4 - Laying tiles
• Put the first tile in place then work in “steps” following the lines drawn.
• Stick them down carefully.
• Balance cuts around the outside so they are greater than or equal to half a tile.

2.5 - Rolling out
This must be done in two stages:
• Manually, using a cork smoothing press
• Rolling out over the entire surface with a 50 Kg roller during the laying process, then when installation is complete.
A perfect bonding is important to ensure a good conductibility.

2.6 - Treatment of joints
Seams must be hot welded

2.7 - Sealing
As on the drawn or coving system
See “FINISHING chapter”.

2.8 - Putting into service trafficking
• For normal foot traffic, flooring can be used 48 hours at least after completion of work.
• For installing furniture and wheeled loads, wait 72 hours after completing work.
• Do not use rubber feet.
• Heated floors MUST be switched on 7 days after the flooring is laid.

SPECIFICATION FOR BONDING CONDUCTIVE FLOORING
• The electrical resistance of the dry film of adhesive and the floor covering is between $5 \times 10^4$ and $10^7$ Ohms for conductive floorings and from $10^7$ to $10^9$ for dissipative floorings according to the NF EN 13 415-NF EN 1081 standard (tripod method) or the NF EN 61-340-4-1 standard (electrode method) or the ASTM F 150 NF PA 99 (superficial resistivity ESD S 1 and transversal resistivity ESD S 7) or CEI 1340-4-1 (CNET Electro)
• The adhesive manufacturer must ensure the stability of the electrical resistance of the dry film which is given for a service life of over 10 years;
• Users’ specifications require a value between $5 \times 10^4$ and $10^6$ Ohms on the sample flooring presented, because of the loss due to bonded laying and to the distance of the earth.