

Excellence Genius

HETEROGENEOUS COMPACT AND ACOUSTIC VINYL LOOSE LAY IN ROLLS

Installation Instructions

03/2020

CONDITIONS AND REQUIREMENTS

- The subfloor must be clean, hard and free from cracks. Dust and contaminants that could prevent adhesion, such as patches of paint, oil, etc., must be removed. Note that asphalt, oil spillage, impregnation agents, pen marks, etc., can cause discoloration.

- Subfloors and humidity conditions:

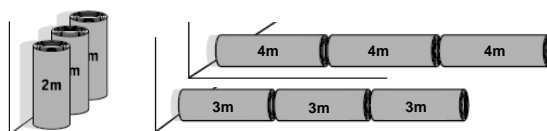
	Standard cement subfloors	Standard wood subfloors	Asbestos (according local regulations)	Existing compact vinyl and linoleum	Damp concrete Subfloor (till 7%CCM)*
Genius Acczent	✓	✓	✓	✓	✓
Genius Tapiflex	✓	✓	✓	✓	

- When installing **Genius Tapiflex** on concrete subfloors that do not include damp-proofing, the moisture content measured in terms of relative humidity should be in accordance with the current relevant Standard within the country of use - not higher than 85% (in UK and Ireland 75% according to BS 8203), or less than 2% with CM (Carbide Method) in Germany, 4,5% in France...
- When installing **Genius Acczent** on concrete subfloors with humidity over the current relevant Standard within the country of use but still below 7% CCM, combine the flooring with ventilated skirting.
- Where required an effective damp proof membrane must be incorporated in the subfloor. Damp proofing to be carried out according to local building standards. Check for dampness in ground supported floors, floors above boiler rooms, floors with underfloor heating or containing high temperature pipework etc.
- Where underfloor heating units are installed in the concrete slab the heating units shall be; Turned on prior to laying of the floor covering for 3-4 weeks to ensure that the moisture condition of the heated subfloor will permit successful laying of the floor covering. Be turned off 48 h prior to the commencement of installation to allow the subfloor to return to the temperature range recommended by the manufacturer of the floor covering. The heating units shall remain turned off during the laying operations and shall not be turned on again until 6-7 days after the laying is completed in order to allow the adhesive to set. The temperature should never exceed the floorcovering industry's agreed maximum of 27°C on the underside of the floorcovering (the adhesive line). Where underfloor heating is used, we recommend that vinyl tiles are hot welded.

- Floor boards and similar substrates should have a moisture content of max 8% (equivalent to 40% RH at +20°C), so that any subsequent movements cannot cause damage.

PREPARATION

- Dust and loose particles must be thoroughly removed. Highly absorbent or variably absorbent substrates should be sealed with suitable primer. The primed surface must be completely dry before laying commences.
- When applying smoothing compounds, use compounds that meet the minimum requirements in the building standards. NOTE: Discolouration can occur when using two-parts polyester compounds if they are mixed incorrectly and/or insufficiently. Do not mix directly on the substrate.
- Use only a lead pencil for marking. Note that any marks made with felt-tipped pens, permanent and non permanent ink markers, ball point pens etc. can cause discoloration due to migration.
- If material from several rolls is used, they should have the same manufacturing serial numbers and be used in consecutive order.
- Prior to laying, allow the material, the tapes and the subfloor to reach room temperature, i.e. a temperature of at least 15°C. The relative air humidity should be 30-60%. Rolls must be stored indoors at least 24 hours before installation, preferable 48 hours.
- The rolls and boxes should be stored on an even surface. Any faults in the material must be reported immediately to your nearest sales office.
- Always quote the colour and roll numbers, which are stated on the label.
- Store 2m rolls upright in a safe position with distance between the rolls and 3m and/or 4m rolls laying one by one. Secure that the outer edge of rolls are upwards.



If any doubts or clarifications should be needed, please contact your local Tarkett representative for further information.

 **Tarkett**

INSTALLATION

■ Installation should be carried out at room temperature between 15°C to 28°C. Subfloor temperature must be at least 10°C. The relative air humidity in the premises should be 35-65%. Maintain same temperature and humidity for at least 72 hours after installation.

■ Let the flooring acclimatize at least 24h before laying. Cut the sheets to length and lay them out to relax 24h prior to installation. This is particularly important for longer lengths.

■ Before starting installation, determine the method of laying taking into account the shape of the room and the design to be laid. Plan the sheet direction for the area to be installed to ensure whenever possible that joins do not coincide with doorways, main traffic lanes, sinks urinals. If the room is reasonably square, the sheets should run parallel to the incoming light. In long, narrow rooms it is best to install the sheets along the length of the room.

■ Sheets must be installed so that colour differences are avoided. Reverse sheets whenever possible, except for wood or specific design (ceramics, linear, repetition), which are installed in the same direction to avoid mirror effect.

■ Butt join when production edges are straight and if all conditions allow, if not, overlap the edges and trim the two sheets simultaneously (double cut methods).

■ In case of dusty subfloor, use a dedicated primer to harden the surface where tapes will be installed.

■ Rub the face surface down thoroughly using a piece of board with a rounded edge to ensure that the floor covering makes good contact with the adhesive tape and that all air is expelled. Make sure that the tool used for rubbing down the floor covering does not scratch the surface. Use a floor roller (approx. 65 kg) and roll over the tape areas.

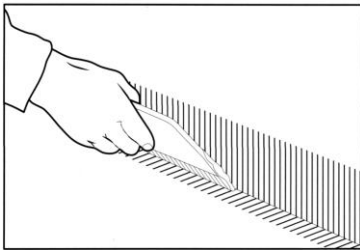
LOOSE LAYING

Create the layout of the installation and place double sided tape where the sheets will join. Remove the protective film, place the edges of the sheets without gap. Press with a cork press. Trim the flooring along the walls, keep 1 or 2 mm gap to compensate movements of the installation. If needed, use a hot air blower to soften the material and/or use tape on the outskirts to ease the trimming along the walls.

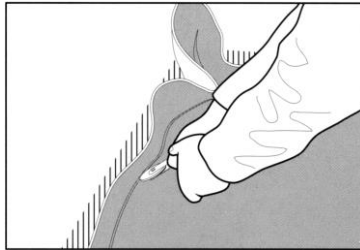
In case of installation over damp concrete subfloor, **Genius Acczent** should be combined with a ventilated skirting. If coving is required, **Genius Acczent** can be coved and fixed onto the wall by discontinuous double-sided tape.

FITTING, COVING AND CORNERS

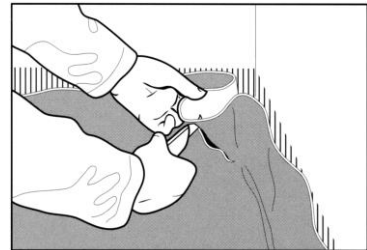
The flooring is coved approximately 100 mm to 140 mm up to the wall. Define your layout including extra material that will cover up to the wall, adding a margin of 5cm. For round coving, you can use a PA20 (coving profile) prior to flooring installation.



Using a straight edge and pencil, mark at a height of about 100mm to 140mm all walls where the flooring will be coved. Apply the adhesive tape on the walls up to the marked line.



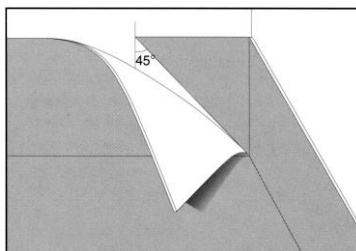
Avoid sharp creasing tools. When coving we highly recommend to use a Tarkett Hockey Stick or a Corner Roller to press the material firmly into the juncture between the floor and wall.



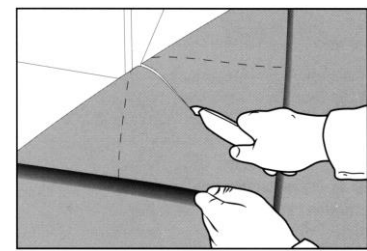
When fitting in-corners, make a cut in the excess material starting about 5 mm above the floor in the corner. If the material has to be heated before folding, heat the area between the sheet and the wall.



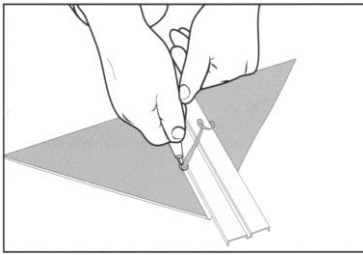
Press the material firmly into the corner. We highly recommend a Corner Roller or Tarkett Hockey Stick.



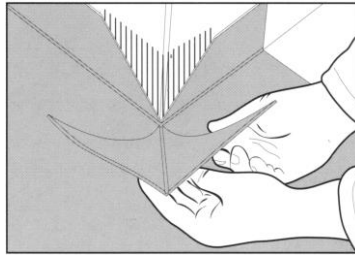
The corner seam shall be placed on one of the walls (the best is the one opposite to the entrance to be less visible) at a 45-degree angle.



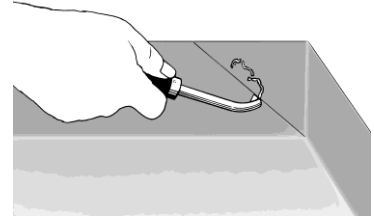
When fitting an out-corner, the sheet is folded against the corner and cut about 5 mm from the floor. The guidelines in the picture show the corner on the sheet and the position of the cut at about a 45-degree angle. Then a cut is made as shown.



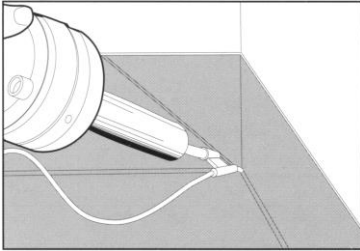
To place the triangle-shaped piece more simply and securely, cut a groove on the back of the triangle. The depth of the groove shall be no deeper than a third of the sheet thickness.



The triangle can now be folded and placed on the corner. It will overlap the coved floor. Cut through the overlapping material to make a tight fit.

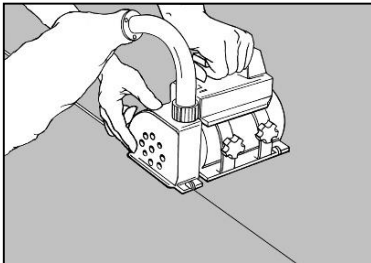


All seams on floor and coving must be grooved before welding.

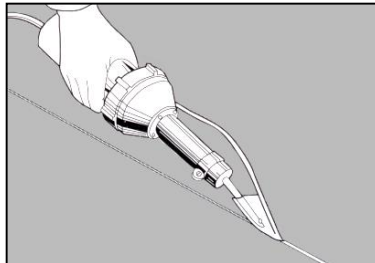


Use a hot-air gun for welding with particular care at in-corners and out-corners. PVC Speed Welding or push fit Nozzle are specially designed for welding vinyl floors in coving. You can also use welding roller or Roller-Turbo nozzle. N.B. always perform trials on off-cuts to set-up your devices.

WELDING

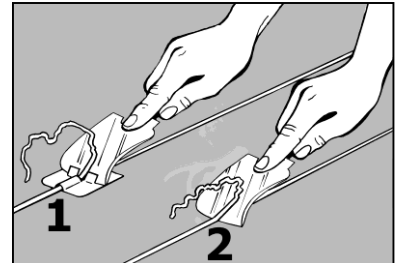


The sheets are hot welded. The joints are grooved through the wear layer using a hand groover or a grooving machine prior to welding. Groove 2/3 of the thickness for compact, till calendared layer for acoustic.



Weld with hot-air blower and PVC Welding Nozzle for 4mm rod. Carry out a test welding on a left-over piece before commencing work, to adjust speed and temperature.

TRIMMING



Caution: welded seams are trimmed in 2 steps, first when rod is still warm with guide and then when it's cooled without guide. Start trimming where you began welding. You can use quarter moon or Mozart knife.

INSPECTION

- The work must be completed with an inspection. Ensure that the newly laid flooring is free from any residues and that the bond is consistent with no blisters nor waves.

AFTER INSTALLATION

- Always protect the floor with thick paper, hard board or similar during the construction period. If using tape, this must not be applied directly to the floor surface.

FOR THE BEST RESULTS

- Use only adhesive tapes recommended by Tarkett.
- Use a matting system at entrances to protect from dirt and dust. Rubber can cause discoloration to the floor.

GENERAL

- Contact you Tarkett representative if unsure about any part of the installation.
- This information is subject to change continuous improvement

EXCLUSION OF LIABILITY

- Although Tarkett may list a selection of adhesive, levelling compound and surface damp-proof membrane manufacturers and types, we do not guarantee the products listed. The list of products and manufacturers is not guaranteed complete or current. Tarkett will accept no liability for any of these products failing to perform in conjunction with any of its products.