Installation Instructions

2024

Meteor 70, Traffic 250, Ruby 70, Ruby Acoustic, Acczent Excellence 80, Acczent Excellence Compact +, Acczent Platinium 100, Tapiflex Essential 50, Tapiflex Excellence 19dB, Tapiflex Excellence 17dB, Tapiflex Platinium 100, Tapiflex Tiles 50 & 65

HETEROGENEOUS ACOUSTIC & COMPACT VINYL

CONDITIONS AND REQUIREMENTS

- The subfloor must be clean, dry 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. 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.

- **When installing this product 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% in France…**

- Extra special care must be taken regarding installations on surfaces where significant temperature changes can be expected, for example, floors exposed to strong sunlight, as adhesion strength and subfloor treatment may be heavily stressed.

- 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.

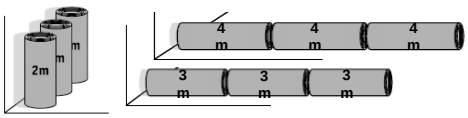
- Use only a lead pencil for marking. Note that any marks made with felt-tipped pens, permanent and non permanent ink markers, ball point pens etc. can cause discoloration due to migration.

- If material from several rolls is used, they should have the same manufacturing serial numbers and be used in consecutive order.

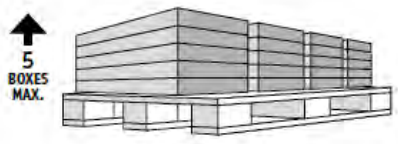
- Prior to laying, allow the material, adhesive and subfloor to reach room temperature, i.e. a temperature of at least 15°C. The relative air humidity should be 30-60%. Rolls must be stored indoors at least 24 hours before installation, preferable 48 hours.

- 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.



Prior laying, make sure boxes are not piled more than five.

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

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INSTALLATION

- Installation should be carried out at room temperature between 15°C and 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.

- The sheets are fully adhered with an adhesive approved for Tarkett's vinyl sheet. **See the adhesive manufacturer´s instruction regarding coverage, open time etc.** Example of suitable adhesives can be found at professionals.tarkett.com
  For Acczent versions, use a TKB A1 spatula and for Tapiflex ones, use a TKB A2 spatula.

- 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 designs 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).**

- The assembly time depends on the adhesive, the type of substrate, its absorbency, the temperature and air humidity in the premises.

- 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 and that all air is expelled. Make sure that the tool used for rubbing down the floor covering does not scratch the surface. A broom is not suitable for this purpose. Use a floor roller (approx. 65 kg) and roll crosswise over the floor to ensure final bonding.

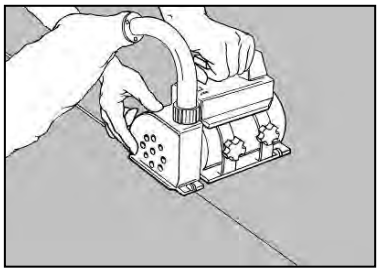
TILES INSTALLATION

- Before starting tile installation, determine the method of laying taking into account the shape of the room and the design to be laid. See the various methods on the separate sheet: Installation of tiles.

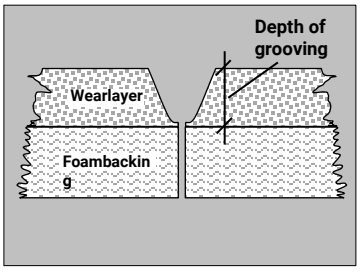
- Install the tiles edge to edge and flatten by hand as they are placed.

WELDING

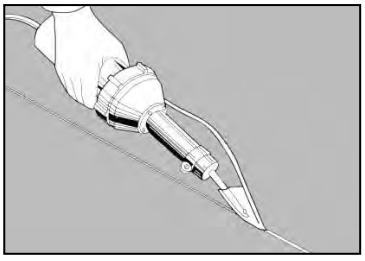
Hot welding with a welding rod is recommended for rolls and for tiles.
Important! Do not weld until the adhesive has bonded completely (wait 24 to 48 hours, according adhesive manufacturer's instructions).



The joints are chamfered or grooved to about 2/3 of the compact thickness using a hand grooving tool or machine prior to welding. Never reach the foam backing when existing.



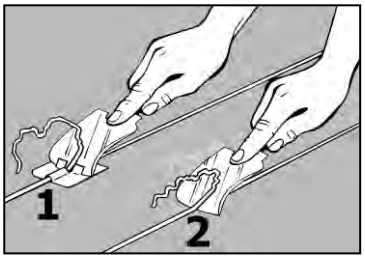
The grooving depth of seams must never be deeper than 2/3 of the thickness of the wear layer.



Weld with hot-air and Tarkett Speed Welding Nozzle. Carry out a test welding on a left-over piece before commencing work, to adjust speed and temperature.

TRIMMING

Trim the rod in 2 times : directly after welding with a quarter-moon knife (or Mozart knife) + the trimming guide.
After the welding rod has cooled and without the trimming guide.



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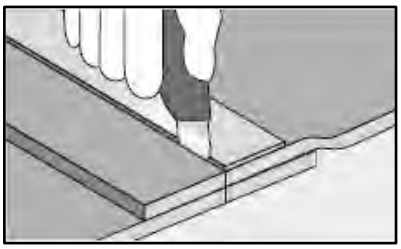
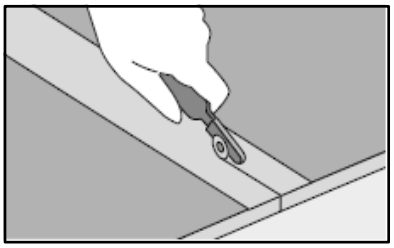
COLD WELDING

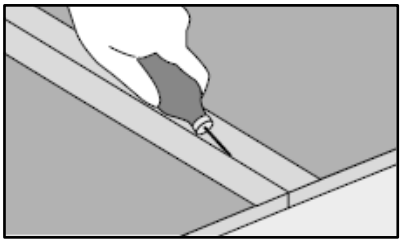
In domestic installations, cold weld is possible.



The sheets can be cold welded 24 hours after installation. Overlap the two sheets till the pattern match is achieved. The overlapping will be double cut in one step or two in case of thick flooring alongside a metal ruler. **The result shall be an extremely tight joint.**



Fix a special masking tape, centred over the cut seam, then cut the masking tape with a rolling knife within the seam.



Apply the cold welding liquid by pressing the needle deeply into the seam **Ensure you apply enough liquid along the entire joint.**
After 10 minutes the cold welding liquid on the masking tape should be dry and the masking tape is removed carefully backwards.
The seam can be walked on after 24 hours.

INSPECTION

- The work must be completed with an inspection. Ensure that the newly laid flooring is free from adhesive residues and that the bond is consistent with no bubbles.

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.
- IMPORTANT! Restrict foot traffic for 24 hours after installation. No heavy traffic, rolling loads or furniture placement for 72 hours after installation. Most suppliers of floor adhesives specify 72 hours before the final strength is achieved.

FOR THE BEST RESULTS

- Use only adhesives recommended by adhesive manufacturer.
- Use a matting system at entrences 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.

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