

LINOLEUM
FLOORINGS

LINOLEUM xf²
and
Essenza

Installation instructions

Veneto xf², Etrusco xf², Trentino xf²
Linoleum xf² Bfl
Veneto Acoustic Cork xf² 15dB
Silencio xf² 18dB
Style Elle xf², Style Emme xf²
Veneto Sicuro xf² R10
Veneto Essenza
Originale Essenza

February 2017

IMPORTANT!

- Make sure all specifications and instructions are followed carefully.
- Contact your Tarkett representative if you are unsure about any part of the installation.
- This information is subject to change due to continuous improvement.
- Use tools dedicated to linoleum installation (wall scribe, linoleum hammer for joints, joint scribe, edge trimmer...)
- Use the same batch number for each continuous surface, installing the rolls in sequential order number.
- Caution: always check the length of linoleum rolls.
- Store the rolls upright, in a safe position, in a dry place, protected from heat and cold, moisture, rust and rot, free from any contamination and not piled up or crushed under a heavy weight.
- Let the flooring acclimatize at least 24h before laying at room temperature (minimum 18°C).
- The subfloor must be flat, level, clean, without marks (no felt pen, marker, etc.), sound, dry, solid, hard, smooth and not exposed to moisture. Absorbency must be checked and adjusted to have moderately absorbent subfloor.
- Use only adhesives recommended by Tarkett. Always follow the adhesive manufacturer's instructions.
- The work must be completed with an inspection: ensure that the newly laid floor is free from adhesive residues.

SUBFLOOR

The subfloor must be level, flat, clean, free from marks (no felt pen, marker of any type, ballpoint pens, paint, etc., that could cause discoloration due to migration) sound, dry, solid, hard, smooth (the absorbency must be checked) and not exposed to moisture.

The preparation/dryness of the subfloor and installation procedures should all be in accordance with the current relevant Standard within the country of use. The dryness of a solid subfloor should be below the maximum moisture level permitted when tested in accordance with that Standard.

E.g. in the UK, the relative humidity of concrete surfaces must be below 75%, and less than 2% with the CCM method. In North America, ASTM F-170 recommends a water-to-cement ratio of 0.40 to 0.45.

Before selecting a smoothing compound, check what type of traffic the floorcovering will be subjected to once installed. Latex smoothing compounds are not suitable for areas that will receive heavy traffic, especially heavy, narrow wheeled traffic (see EN 12529, Castors and wheels). Check levelling compound compatibility, and follow the instructions of the levelling compound manufacturer.

Note: exclusion of liability (adhesives, levelling compounds, etc.)

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. It is the responsibility of the adhesive, levelling compound and surface damp-proof membrane manufacturer and flooring contractor to ensure the products being used are appropriate for use and applied in accordance with the manufacturers' recommendations.

CONDITIONS REQUIRED FOR INSTALLATION

It is important that sheets are stored at least 24 hours before installation at a minimum room temperature of 18°C. This temperature should be maintained throughout the installation.

The minimum temperature of the subfloor should be 15°C.
The recommended relative humidity in the room is 35-65%.

Sections of flooring must be cut to the required lengths, plus an allowance of a few centimetres, and stored in the room where they are to be installed. Don't roll the linoleum with the jute outside.

UNDERFLOOR HEATING

It is imperative that underfloor heating systems have been previously commissioned and found to be functioning correctly before installation of the floorcovering.

Ensure that the underfloor heating system is switched off 48 hours before installation of the floorcovering commences, and remains off for at least 48 hours after installation is completed. While the underfloor heating system is off, an alternative heating source should be provided, if required, to ensure that the installation area is kept at a constant temperature of 18-27°C.

Gradually increase the temperature over a number of days by only a few degrees per day until the desired room temperature is reached.

The temperature should never exceed the floorcovering industry's agreed maximum of 27°C on the underside of the floorcovering (the adhesive line).

LAYING DIRECTION

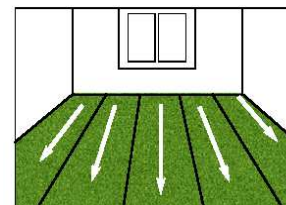
At least 24 hours before installation, the material should be cut to the desired lengths; the cut sheets must be acclimatised where they are to be installed by placing them in an upright position.

Plan the sheet direction for the area to be installed to ensure that whenever possible joins do not coincide with doorways, main traffic lanes, sinks or 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.

The sheets should be cut longer than the room.



All consecutive sheets should be installed in the **same direction (EXCEPT Style Elle xf², installed reversed)**.

GLUING ¹

Before gluing, cut one width's edge with an edge trimmer. Install overlapping, cutting the second edge with the joint scribe (after gluing). Press the joint with lino hammer.

An acrylic adhesive for linoleum should be applied to the entire subfloor with a B1 spatula (350-400 g/m²). For Silencio with foam backing, use an approved acrylic adhesive and A2 spatula (200-300 g/m²). When spreading the adhesive, fold half of the sheet(s), apply the adhesive, fold back and press. Repeat this operation for the second half.

Always follow the adhesive manufacturer instructions especially regarding waiting and working time.

Ensure that the floorcovering makes good contact with the adhesive and that all air is expelled. Use a roller and roll crosswise over the floor.

For skirting system : use contact adhesive

¹ For more details on gluing, please refer to the separate sheet: Adhesives.

INSTALLING ELAFONO

Install Elafono with the jute backing facing upwards and generally edge to edge.

Laying direction: if you install Elafono and Linoleum in the same direction, the joints of the Elafono and of the linoleum must have an offset in relation to each other by about 50 cm at least.

Gluing: use an acrylic adhesive for linoleum (the same as recommended for Tarkett Linoleum). Apply adhesive using a trowel B1 at 350-400 g/m².

IMPORTANT Do not install linoleum until the fitted Elafono is completely dried (about 24 to 48 hours after fitting).

WELDING

Install sheets with a gap of approx. 0.5 mm at joint.

Start hot welding operation (and grooving) minimum 24 to 48 hours maximum after gluing

Groove a "U" shape of max. 3,5 mm width, preferably by machine.

Depth of grooving 2 mm into the thickness of the material – just over the top of the jute (max. 2,5 mm for other product thickness'). Never groove Linoleum Silencio xf² to the top of foam. Carefully clean seam totally free of residues.

The recommended welding rod temperature is about 450 °C. Use hot air welding gun fitted with 5 mm traditional hot speed weld nozzle. When welding the rod must float out slightly on both sides of the joint, on surface. Weld at approximately 2 meters per minute.

Trim the welding in two successive operations using a "quarter moon knife", Mozart knife, or similar.

The second cut should be done when the welding rod is cool down.



IMPORTANT ALWAYS do trials before starting the welding operation to adjust to existing site conditions.

AFTER INSTALLATION

IMPORTANT! Wait 48 to 72 hours before allowing any foot traffic or moving in furniture.

Protection of installation

If building work is carried out after installation, the floor should always be protected by covering it with hardboard or plywood sheeting. Masking tape must not be stuck directly to the floor. Never subject a newly installed floorcovering to heavy wheeled traffic at an early stage, as this will force adhesive from beneath the floorcovering.

Initial site cleaning

An initial site cleaning is always recommended before the new floorcovering is commissioned. Residual adhesive should be removed with methylated spirits and a clean cloth. Lightly soiled floors: vacuum, sweep or damp mop the area to remove loose dirt and building dust. A combined machine is very effective for large areas (combined scrubber/dryer with cylindrical brushes for safety flooring).

Preventive care

About 80% of all dirt is brought in from outside. An effective entrance dirt barrier system is needed. Ideally it should be approx. 7-8 m in heavy traffic entrance based in three – stage principle:

- One scraper grid before the door
- One "grass" mat
- One fibre mat

ACCESSORIES

(ask for the installation video)

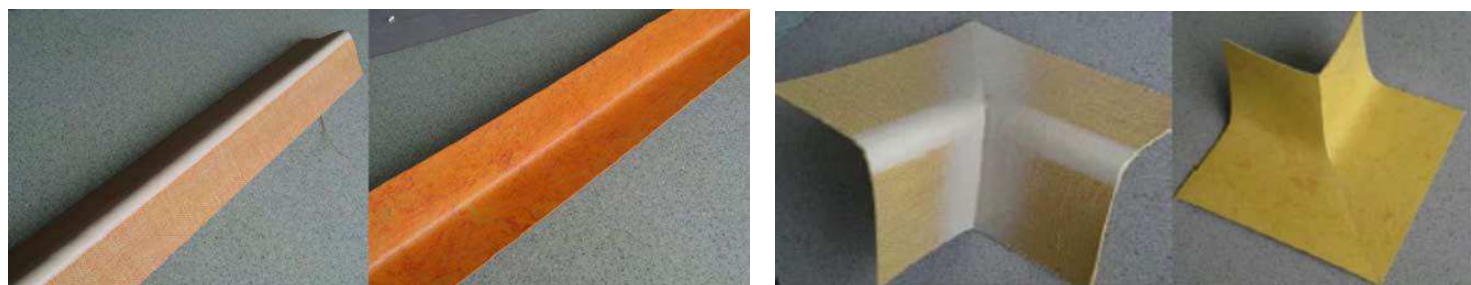
Skirting SOS (Set On Skirting): Linoleum xf² skirting on MDF

- STD dimensions: 2200 x 60/80 mm (LxH)
- Linoleum xf² glued on natural, resistant, semi flexible and easy to cut MDF back
- To be installed after the floor covering



Skirting SIS (Set In Skirting): Linoleum xf² skirting pre fabricated

- STD dimensions: 2400 x 100 x 60/80/100 mm (LxWxH) / Also possible with 200 mm onto the floor
- Linoleum xf² moulded and reinforced with elastomer
- To be installed before the floorcovering
- To be welded
- Also possible outer corners



Lino SIS