

iD Tilt

91,44 x 91,44 / 45,71 x 45,71

INTERLOCKING TILES

Installation Instructions

2018

IMPORTANT!

- Make sure all specifications and instructions are followed carefully.
- Contact your Tarkett representative if you are unsure about any part of the installation.
- Use the same shade number for each continuous surface.
- Store the boxes in small neat piles (max. 10 boxes high) away from direct sunlight, heaters or air vents.
- Let the flooring acclimatise at least 24h before laying at room temperature (minimum 15°C).
- The subfloor must be flat, level, clean, without marks (no felt pen, marker, oil, etc.), sound, dry, solid, hard, free of cracks, smooth and not exposed to moisture.
- Do not install Tarkett Inter Locking Tiles under severe conditions (less than 10°C, more than 35°C).
- Avoid to install Tarkett Inter Locking Tiles on heating panel.
- Keep expansion gap of 2-5mm around the installation (approx. 1mm / meter installed).
- Maximum continuous area is 150m² (15x10m), over this size, expansion profiles should be installed to divide the area.
- The work must be completed with an inspection.

A - PREPARATION AND IMPORTANT INFORMATION PRIOR TO INSTALLATION

A.1 Subfloor condition

The subfloor must be level, flat, clean, free from marks (no felt pen, marker of any type, ballpoint pens, paint, etc., that could cause degradation or discoloration due to migration) sound, dry, solid, hard, free of cracks, 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.

A.2 Room temperature conditions and acclimatization

It is important to store the tiles for at least 24 hours before installation at a minimum room temperature of 15°C / see each country regulations/. This temperature should be maintained throughout the installation.

The minimum temperature of the subfloor should be 10-12°C and room temperature 15°C / see each country regulations/. The recommended relative humidity inside the room should be 35-65% / see each country regulations.

Planks should be stored flat in their packages, in small neat piles (max. 10 boxes high).

C - INSTALLATION

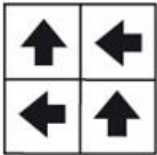
C.1 Installation direction

Before starting to install tiles, determine the type of laying taking into account the shape of the room and the design to be laid.

Important! Before laying the first rows of tiles, check that:

- the cut tiles closest to the walls are more than 20 cm wide;
- at doorways and corners, the cut tiles are not less than 30cm.

Checkerboard pattern preferred to mask the joints



Note: iD Tilt can be installed over ceramic tiles if joints are less than 4mm large and 1mm deep in case of moderate traffic.

C.2 Installation

Always keep the room temperature at 15~25°C during installation.

C.2.1 Finding the centre point and snapping the guide lines

To square the area to be covered, first find the centre of the main rectangle. Locate the same point at the opposite wall. Snap a chalk line between these points to mark the centre line on the floor. Then measure along this centre line to find the middle of the room.

At the centre point, mark a line across the room at exactly right angles to the first line. (See figure 1.)



Figure 1. Finding the center point.

C.2.2 Adjusting centre lines

Dry-lay a row of tiles from the centre line to the side wall to determine the space left for the border. If the resulting border is too small, move the starting point enough so that it straddles the centre line.

Repeat the same procedure lengthwise down the room. This can be calculated easily from the room dimensions without using tiles if preferred.

If it is decided to have the centre row of tiles straddle either or both of the centre lines, additional guide lines should be snapped on the floor half a tile width on one side of either or both centre lines as required. (See figure 2.)

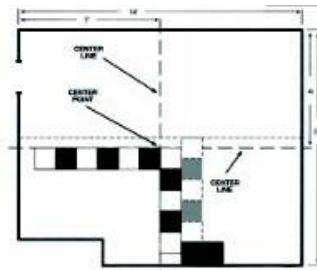


Figure 2. Adjusting center lines.

C.2.3 Installation

- Place the first line of tiles along the drawn center line and continue with the other lines, using the first one as reference
- Create an expansion gap of 2-5mm around the installation (approx. 1mm / meter installed)
- Use rubber hammer on the parts connected to lay down accurately because of tight connected parts.
- Installation with PU adhesive (bi-component) could be required in the areas where the move of heavy devices such as trolleys or forklift (weight over 2000kg) or significant temperature variation ($\Delta > 25^{\circ}\text{C}$) is expected.

C.2.4 Cutting in the border

To cut a border tile, place the border tile along the outside edge of the field. Put a 92cm (resp. 46,2cm) gauge and flush to the wall on top of the first piece. This gauge of 92cm will create a 5mm gap between the tile and the wall. Score the first piece using the top gauge as a guide. Snap off the section along the scored line or cut with a tile cutter. Place the cut border tile in position with the factory-cut edge abutting the field tile.

D - AFTER INSTALLATION

Important: avoid significant temperature variation

D.1 Protection of installation

If building work is carried out after installation, the floor should always be protected by covering it with hardboard, plywood or TarkoProtect. Masking tape must not be stuck directly to the floor.

D.2 Initial site clean

An initial site clean is always recommended before the new floorcovering is commissioned.

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.

iD Tilt	
Locations classification	Heavy load locations, supporting frequent rolling loads. Cleaning should be limited to the use of walk-behind auto scrubber drier.
Static loads	
Maximum concentrated load per point (in kg)	<600 kg
Maximum pressure induced on the floorcovering (kg/cm ²)	<40 kg / cm ²
Dynamic loads	
	Lifting and handling machines with electric or thermic motor are likely to generate alterations related to heating due to wheel slip. It will be necessary to make sure of the adequacy of the equipment to the work of the floorcovering (for example: machines equipped with an anti-skating system ...)
	The twin wheels are counted for a single wheel when their distance (center distance or track) is <20 cm. Metal wheels are excluded.
Frequency and type of traffic	Common frequency, traditionally ridership of shops and stores and maintenance.
Tyre and wheel type	Polyurethane or equivalent hardness
Permissible total weight	<600 kg
Contact pressure	<40 kg / cm ²
Speed	≤ 5 km/h
Lifting and handling	Manually operated carriage, hand-operated or electric transpallet with accompanying driver, with a rated load capacity of 1300kg