

# INSTALLATION GUIDELINES

## WOVN™ TILES



*Signature*<sup>®</sup>  
floorconcepts

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### GENERAL CONDITIONS

A good preparation is essential for a smooth installation. *Wovn™ Tiles* can be installed on concrete, timber, ceramic and many other sub-floors which have been suitably prepared.

The effective application of *Wovn™ Tiles* is dependent on suitable site conditions.

*Wovn™ Tiles* must NOT be installed either externally or into unheated locations. It is possible to install *Wovn™ Tiles* flooring over floors incorporating underground heating, but these must be insulated to ensure surface temperature does not exceed 27°C. It is recommended on a new concrete slab that the heating is operational for several days prior to installation to reduce moisture in slab. Three days prior to installation, lower to 18°C. 24 hours post installation, gradually increase in increments of 3°C per day until it reaches the maximum operating temperature of 28°C, before being turned back to its normal household temperature.

### SUBSTRATE PREPARATION

Careful sub-floor preparation as per current AS/NZS 1884 is vital for an excellent floor appearance and good installation. The sub-floor must be hard, flat, smooth, clean, dry, and free from defects, contaminants and fit for purpose.

A suitable levelling compound should be used to ensure that no irregularities show through to the surface of the finished floor. However, the selection of suitable materials, including smoothing and levelling compounds and any ancillary products is dependent upon the end use of the completed flooring, and must be agreed by the supplier of the preparative materials and the installer.

Any proprietary materials used for floor preparation must be used in accordance with the manufacturers' recommended instructions.

In all cases, the sub-floor must be sufficiently dry and the RH (relative humidity) checked to ensure it is not greater than that of any proprietary materials that are being used when tested in accordance with current AS/NZS 1884.

Direct-to-earth concrete and stone sub-floors must have an effective damp proof membrane (DPM). Follow manufacturer's detailed instructions for the installation of a surface DPM and the use of levelling compound.

All particle board substrates require an underlay or underlayment.

The finished appearance of *Wovn™ Tiles* will be as good as the quality of the base over which it is installed. Any irregularities in the sub-floor will show through the finished floor.

### ACCLIMATISATION

*Wovn™ Tiles* performs to its specifications when laid at room temperature between 18°C – 28°C. The product should be acclimatised within the room it is to be laid at least 24 hours prior to installation. A constant temperature, fluctuating no more than 3°C per day and not below the required 18°C room temperature and 15°C floor temperature, should be maintained 24 hours before, during and after installation.

It is preferable that the packs are stored lying flat, stacked squarely and away from vents and direct sunlight. It is recommended that you black out windows where direct sunlight streams in onto the floor to allow for continuity across the whole area to be laid.

### PRE-INSTALLATION

1	Ensure that all <i>Wovn™ Tiles</i> are from the same batch and that there is no damage to the tiles or visual defects in the weave.
2	Before installation, check all panels in daylight for possible defects or discrepancies in colour or sheen.
3	Check the edges of the <i>Wovn™ Tiles</i> for damage and straightness.
4	Work through the pallets in descending order of the parent roll number, e.g. from 1316166 to 1316161. The boxes must be opened in ascending order, e.g. from 1 to 100. Always use boxes with the same batch number in the same room.
5	The surface beneath the floor must be sufficiently prepared in advance to guarantee successful fitting of the floor covering.

### RECOMMENDED ADHESIVES

*Wovn™ Tiles* are recommended to be installed with solvent free 'hard set' or 'pressure sensitive' adhesive with a V1 trowel for all installations. If you are installing *Wovn™ Tiles* in rooms that have floor to ceiling windows which are exposed to prolonged periods of direct sunlight, we recommend the use of polyurethane adhesive.

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A list of approved adhesives can be found on our website [www.signaturefloors.com.au](http://www.signaturefloors.com.au) or by calling 1800 150 554.

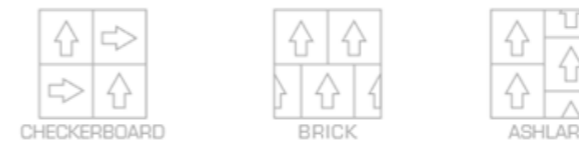
#### Important

Floor installation should not begin until the installer has assessed and approved the sub-floor and conditions.

### STEP BY STEP FITTING INSTRUCTIONS

The installation of *Wovn™ Tiles* flooring follows the same guidelines that apply to all quality resilient floors and needs to be laid according to current AS/NZS 1884.

- Determine the installation direction of the *Wovn™ Tiles*. Calculate how the partition of plank or tiles will be across the width of the room/area and mark a 100% straight line on the floor.
- Highlight the second line at 90° to the first through the middle of the room to be glued with the appropriate type of adhesive. Prior to using the adhesive, read the supplier instructions.
- Spread the right amount of adhesive equally over the sub-floor and let it dry (open time) until it reaches its initial bonding strength. For more information, consult the specifications of the adhesive.
- Lay the tiles, respecting the direction of the arrows of the backing, into the sticky adhesive in order to transfer the adhesive fully on the backing (working time).
- There are several fitting patterns possible depending on the reference. The fitting patterns to be used are Chequerboard, Brick or Ashlar, see figure. An arrow can be found on the reverse side of a tile, indicating the direction and a letter (A, B, C or D).



- Cut the tiles tight against the wall or skirting. Use a sharp utility knife to cut the surface of the tile, you may need to score twice. Open up the cut by bending the plank and then finish the process by cutting through the back of the tile. Always place the factory edges together rather than the cut you have made, this will ensure a cleaner join.

- Do NOT spread adhesive on a section greater than can be processed within the working time.
- To ensure full contact with adhesive, immediately press every plank or tile with a hand roller.
- Wipe excess adhesive with a damp cloth.
- Roll each section with a roller of a minimum 40kg immediately after installation and several times in different directions during the working time.
- Repeat steps 3 to 10 until the entire installation is completed.

**NOTE:** It is preferable that tiles run parallel to incoming sunlight, it is accepted that this is not always possible given the layout of the job and jobs running over multiple rooms.

During installation we recommend that the temperature be controlled between 18°C – 28°C and vary by no more than 3°C. This environment must be maintained for 24 hours prior, during and after installation.

If you are installing *Wovn™ Tiles* in rooms that have floor to ceiling windows which are exposed to direct sunlight, we recommend that the use of polyurethane adhesive, and that windows are blocked out 24 hours prior to, during and after installation to keep the direct sunlight from the floor during the curing process.

### PROTECTION

*Wovn™ Tiles* should be protected from heavy traffic for 72 hours after installation so that the planks and adhesive can stabilise at consistent temperature between 18°C - 28°C.

### FIRST CONTACT WITH WATER

Prevent the floor from coming into contact with water for the first 72 hours after installation. Hereafter the adhesive is sufficiently resistant to water so that the bonding strength will not be affected.

For any assistance please contact Signature Floors on 1800 150 554.

### WARRANTY

Further information is available in our *Wovn™ Tiles* Care & Warranty Guidelines from your place of purchase and Signature Floors website [www.signaturefloors.com.au](http://www.signaturefloors.com.au)

## **Wovn™ Tiles - Installation Guidelines**

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The logo for Signature floorconcepts features the word "Signature" in a large, elegant, cursive script. Below it, the word "floorconcepts" is written in a smaller, clean, sans-serif font. A registered trademark symbol (®) is positioned to the upper right of the word "Signature".