

CARPET TILE INSTALLATION GUIDELINE

Document ID: 100005
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ON DELIVERY OF THE MATERIAL

Before cutting any material, STOP and check the following:

- STYLE** - IS IT WHAT YOU ORDERED?
- COLOUR** - IS IT THE RIGHT COLOR?
- PATTERN** - IS THE PATTERN CORRECT?
- SIZE** - IS THE SIZE CORRECT?
- DYE LOTS** - ARE THE DYE LOTS CORRECT?

> LOOK FOR ANY VISUAL DEFECTS

To report any concerns with the carpet please contact your local area consultant.

No Claim will be considered for improper installation, use of improper adhesive and or trowel size please see below adhesive recommendation list.

Improper installation of carpet may void consumer's warranties. The guidelines contained within are in addition to the minimum guidelines set forth in the AS/NZS 2455.1:2007 for Textile floorcoverings- Installation practice.

AUSTRALIAN STANDARDS

The following instructions should be reviewed prior to installation and read in conjunction with the Australian Standards AS/NZS 2455.2:2007.

These instructions have been prepared by Signature Floorcoverings technical division to assist professional contractors and layers in the installation of Signature Floorcoverings Modular carpet tiles.

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Signature Floorcoverings modular carpet tiles should only be installed after all construction is complete. Any staining, soiling, contamination or damage caused by building construction may void the end user's product warranty. The contractor should inform the appropriate person of this warranty implication.

SITE TESTING AND CONDITIONING

- Maintain the temperature of the installation site, carpet, and adhesive between a minimum temperature of 10°C and a maximum temperature of 35°C for 24 hours before installation.
- Do not begin the installation if the room or sub floor temperature is below 10° C. The adhesive will not function properly when applied over an extremely cold surface.
- Relative humidity should not exceed 65%. Maintain these conditions for 24 hours prior to, during and 24 hours after installation.
- Test the concrete for alkalinity prior to beginning the installation. Check the concrete for surface pH at several locations. A reading below 5.0 or above 9.0 requires corrective measures.
- Specific information on the correct method of neutralizing low or high pH is available from the Signature Floorcoverings Technical Services Department.
- Check the concrete for moisture at several locations using anhydrous calcium chloride test kits. The moisture transmission rate must not exceed 5.0 lbs. per 1000 sq. ft. per 24 hours.
- Do not begin the installation if an unacceptable moisture level is detected. Do not use other methods of moisture testing as they are not reliable. If excessive moisture is present, the general contractor or building owner must be advised and a decision made if the installation is to begin.

Signature Floorcoverings WILL NOT be held responsible for any moisture related installation failures if these guidelines are not strictly followed.

FLOOR PREPARATION

- The floor must be dry, free of dust, dirt, oil, grease, paint, wax, or any debris that could affect adhesion of the carpet modules to the floor.
- Do not use sweeping compounds as they may leave oily deposits. The floor must be level and smooth. Depressions and cracks must be filled with a liquid latex additive patching compound and all protrusions levelled.
- NOTE: Do not sand or scrape Vinyl Asbestos Tile (VAT) without proper attention to abatement procedures and precautions in accordance with all State and local codes.
- Concrete floors must be sealed if dusting or powdering exists. As always, manufacturers are subject to change their formulations. Please refer to all manufacturers' suggested use and precautions.

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RAISED ACCESS FLOOR PANELS

All panels must be smooth, level, secure and free of any material that will affect the adhesive bond. Carpet modules must be installed offset from access panel seams.

Gaps between panels must not exceed 1/16" (1.6mm).

TRENCH HEADERS

- A 12" to 18" band of adhesive must be applied on either side of all trench headers when applying a grid pattern of adhesive.

UNDERFLOOR HEATING

- Signature Floorcoverings modular tiles may be installed on internally heated floors provided that the surface temperature will not exceed 27°C.
- Underfloor heating must be turned off 48 hours prior to commencement of installation and shall not be turned on again until 48 hours after installation is completed allowing the adhesive to set.

APPLICATION OF ADHESIVE

- Application is either by short nap mohair paint roller, airless spray gun or flat trowel.
- An approved Roberts primer or equivalent must be used on all porous surfaces.
- It is mandatory that the adhesive must tack up before use. Colour must change to clear and it must not transfer.
- Installation of **Comfi Bak** tiles – Adhesive should be applied with a V1 notch trowel. *Roller application is not permitted.* Only RLA GS300 or ECO 800 may be used.

NOTE: The adhesive must be allowed to dry completely before installing the carpet.

Installing into wet adhesive will result into a permanent bond and may cause carpet to bubble and glue being transferred to pile surface.

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Recommended Adhesives Thermo BAK & Thermo-cycle BAK

- Mapie ECO 800 - Pressure Sensitive Adhesive
- Green Solutions GS300 - Pressure Sensitive Adhesive
- Roberts 656 - Pressure Sensitive Adhesive
- Polymer 999 - Pressure Sensitive Adhesive

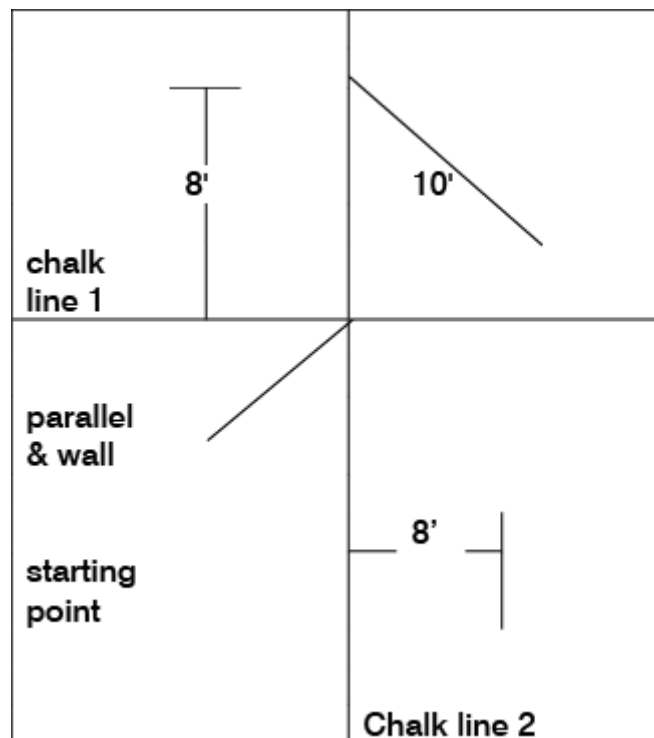
Recommended Adhesives Comfi BAK applied with V1 Notch Trowel

- Mapie EC 800 - Pressure Sensitive Adhesive
- Green Solutions GS300 - Pressure Sensitive Adhesive

SITE LAYOUT

1. The starting point in a modular installation must be as near to the centre of the room as possible and must be positioned to utilise the largest perimeter cut module size.
2. Snap a chalk line parallel to one major wall bisecting the starting point. It may be necessary to offset the centre chalk line to assure perimeter modules will be at least half size.
3. A second chalk line must be snapped from the starting point at 90° to the first line. This can be accomplished using a 3-4-5, 6-8-10, or larger triangle, depending on the room size (see Illustration A). Metres or feet may be used to lay out the triangle in these proportions.

Illustration A:



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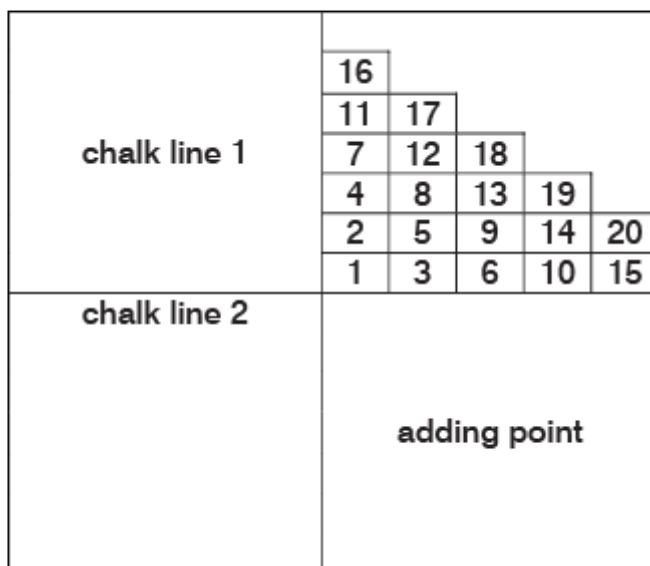
INSTALLATION

1. Each module has directional arrows on the backing. This allows for one-directional or multi-directional installation. Some styles may be linear in design and require quarter turning. **ALL LINEAL TILES MUST BE QUARTER TURNED UNLESS REQUESTED BY THE CLIENT AND SIGNED IN WRITING.**

NOTE: Lineal patterns when installed directional may produce an undesired effect when lines of the same colour meet on two edges. Installers need to monitor this during installation and reposition tiles where appropriate. Patterns that are random in nature may contain additional colour ways to the ones displayed on the samples. Please consult your commercial sales consultant for further information.

2. Installation must begin at the intersection of two chalk lines. Installation must continue until completed in one quadrant, and then proceed to an adjoining quadrant until all four quadrants are completed. Larger areas may require chalk lines bisecting the original four quadrants.
3. Install modules using the pyramid technique (see Illustration B). This allows multiple alignment checks. If the edges do not align and the misalignment increases with progression of the installation, the source of the problem must be identified and corrected.

Illustration B:



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4. Slide modules into position to prevent yarn from being trapped between the modules. Trapped yarn will adversely affect the appearance of the installation and will cause alignment problems.
5. Modules must fit snugly, but not be compressed. Check for fit by measuring the length of ten (10) full modules after installation. The measurement must not be less than, or exceed by more than 1/4 inch, the length of the modules being multiplied by ten (10) For example: if 18" X 18" modules are being installed, the measurement should be between 180 and 180 1/4 inches.

CUTTING TECHNIQUES

1. Modules may be cut from the backing side by overlaying the modular tile, marking and cutting. A template should be used. Care must be taken to ensure the arrows are pointing in the correct direction.
2. Modules may also be cut by letting them cover up the wall and cutting with a cushion back wall trimmer or similar tool. **DO NOT COMPRESS!**

STAIRS

Riser

Always ensure that the arrow on the back of the carpet tile is pointing down the riser.

The riser of the carpet tile is securely held in position by the stair nosing; adhesive need only be applied to the top section of the riser.

Tread

Arrow must run into the step at a right angle. Apply adhesive to all of the tread.

Then fit stair nosings.

POST INSTALLATION CARE

- Roll the entire installation with a 35kg roller once it is completed.
- Use plywood over the carpet when heavy objects are moved within 24 hours after
- Protective chair mats under chairs with casters are recommended. This will prevent excessive wear to the face and possible transfer of the pressure sensitive adhesive to the back of the carpet.

**Signature Floorcoverings reserves the right to update this document at any time and without prior notice. This document is current at the time of printing. For the latest version please refer to our website or contact our office on 1800 150 554.*