

tretford ROLL& RUGS

INSTALLATION INSTRUCTIONS

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INSTALLATION INSTRUCTIONS

tretford ROLL | RUGS

These instructions must be followed to retain Manufacturer's Warranties.

Note: International tretford guidelines do not apply to Australian tretford installations, please always refer to www.gibbonarchitectural.com.au.

Pre-Installation Checks

The following instructions are to be reviewed in conjunction with AS/NZS 2455.1:2019 (current AS/NZS Standards) prior to installing tretford ROLL carpet. For subfloor instructions please refer to the sub-floor preparation instructions below. **Gibbon Architectural will not be held responsible or warrant any tretford installation that is not in accordance with these instructions.**

ACCLIMATISATION

IMPERATIVE – Be aware that tretford is a natural fibre and absorbs and releases moisture. To avoid issues the carpet must be installed in a controlled temperature & humidity environment:

- **tretford ROLL must be unwrapped from outer plastic wrap, unrolled and allowed to acclimatize.** Failure to condition to local environment may result in installation failure.

Ensure substrate and ambient conditions are to Australian Standards.

- The ideal room temperature lies between 15-25 °C, with relative humidity between 30-75%.
- Ambient humidity levels to be below 75% or mitigated by mechanical extraction if required.
- Install tretford only where relative humidity does not exceed 75% or fall below 30%.

Minimum 48hours in controlled environment ahead of installation, for the duration of the installation and 48 hours post installation.

CROSS CHECK:

All tretford products delivered should be inspected prior to installation to ensure the following:

- The correct style | colour | quantity | dye batch have been supplied
- No transport damage has occurred. If any sign of damage, please photograph before opening packaging and email photos to sales@gibbongroup.com.au.

DO NOT cut or install any tretford ROLL products if any of the above issues are noted.

PLEASE BE AWARE – that once the carpet is cut, you own it. Please double check.

SEQUENTIAL BATCHING

Please note, in accordance with Australian Standards, tretford ROLL and/or TILE must be laid in sequential order. If not installed sequentially, colour variation may occur.

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SHADING MATCHING

tretford carpet is a natural fibre product. Different production runs of the same product may therefore be subject to shade variation. This is not a defect or a manufacturing fault. Please loose lay all widths to ensure shade match prior to the final adhesion.

RIBS & LAY DIRECTION

tretford's ribs run across the roll (**parallel to the 2m width**) and must be installed in same direction to avoid an illusion of shade variation. This is done by keeping the line marked on the back of each roll always to the same side.

LIGHT SOURCE

It is recommended that rolls be **laid with ribs running perpendicular to the principle light source**. Occasionally, reflection off the backing may be visible until the carpet has settled in. This is not a manufacturing fault nor is it below its correct weight and would only be apparent when newly laid.

ACCESS FLOORS

tretford ROLL cannot be direct stuck onto metal access floors. Options either: Dual Bond method, or install over a Masonite/Hardboard underlay.



Video Guides & Tips

To view our instructional videos along with some useful tips on installation of tretford roll

<< Scan the QR code

Subfloor Preparation

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tretford ROLL is to be installed on **dry, clean, and properly prepared subfloors as per AS/NZS 2455.1:2019 (or latest edition)**. A primer may be required if installing onto a high porosity sub-floor. Please contact Gibbon Architectural for direction. Gibbon Architectural are not responsible for any failure of a tretford product which is caused through moisture related issues, poor or incorrect floor preparation, incorrect installation techniques or any other failures which arise through the installer not following these instructions in conjunction with Australian / New Zealand Standards.

Should any of the following factors occur, shrinkage or bubbling of the tretford carpet can occur due to the adhesive bond to the subfloor being compromised:

1. Moisture in the subfloor
2. Watered down/faulty/incorrect adhesive
3. Insufficient allowances for proper tack of the adhesive before laying in the carpet.

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SUBFLOOR PREP. (CONTD)



Moisture content (RH%) in a concrete substrate should not exceed 75 % using the invasive hygrometer test (in situ probe) and 70 % using the surface-mounted hygrometer test (sealed hood).

Bubbling around perimeters can also occur when too much allowance is made for shrinkage and carpet is cut in too tight against walls. **tretford does not shrink if correct procedures have been followed.**

[Sub Floor Preparation document \(PDF\) here](#)

<< Or scan the QR code to view

Specified Adhesive

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tretford T240

Due to tretford's unique construction, the permanent bond adhesive tretford 240 must be used. Specially formulated with high solids/low water content – tretford 240 will limit the issue of excessive moisture where shrinkage can occur.

DUAL BOND:

tretford 240 Adhesive must be used to bond both the underlay to the subfloor and carpet to underlay. For further information please see [tretford 240 technical data sheet](#).

DIRECTIONS FOR USE

All surfaces to be bonded should be dry, smooth, and free of any contaminations that may affect bond. All surfaces must be prepared in accordance with AS/NZ 2455:1:2019 textile floor covering – installation practice. It is recommended that all highly absorbent substrates be primed with a suitable primer prior to the application of adhesive. The minimum subfloor temperature before commencing surface preparation and adhesive application is 10°C. tretford 240 should be applied using one of the following notched trowels for your type of installation.

USE OF NON-SPECIFIED ADHESIVES – OR SPOT GLUING - WILL VOID MANUFACTURER'S WARRANTIES.

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ADHESIVE APPLICATION

DIRECT STICK:

1. **TRETTFORD TO SUBFLOOR**
 - “V2” 2.4mm notched trowel
 - SPREAD RATE: approx. 3m²/litre

DUAL BOND:

1. **UNDERLAY TO SUBFLOOR**
 - “V1” 1.6mm notched trowel
 - SPREAD RATE: approx. 5m²/litre
2. **TRETTFORD TO UNDERLAY**
 - “V2” 2.4mm notched trowel
 - SPREAD RATE: approx. 3m²/litre

Specified Underlay

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(USE OF NON-SPECIFIED UNDERLAYS WILL VOID MANUFACTURER'S WARRANTIES.)

AIRSTEP CARPET UNDERLAYS

- BOUNCE 470 – 4.7mm
- BOUNCE 650 - 6.5mm (Domestic only)

(NOTE: Adhesive must be allowed to tack-up)

(Correct tack-up is evident once adhesive is tacky and strings or cobwebs should be apparent.)

DUNLOP CARPET UNDERLAYS

- DUNLOP TECHNICS 5 - 5mm
- DUNLOP PERFORMA 5 - 5mm
- DUNLOP DURAFIT 7 - 7mm (Domestic only)

(BE AWARE : Extra time must be allowed for adhesive tack-up with Dunlop underlays.)

(Correct tack-up is evident once adhesive is tacky and strings or cobwebs should be apparent.)

SPECIALISED INSTALLATIONS

- PLAYGROUND SOFTFALL UNDERLAY SYSTEM

(Please contact Gibbon Architectural for instructions.)

The carpet must be 100% adhered to the underlay and the underlay 100% adhered to the subfloor.

Do not use a pressure sensitive / release adhesive at any stage - refer to recommended adhesive instructions. Adhesive tack-up time will be longer over underlay as it is non-absorbent. **Incorrect underlays will cause bubbling and/or shrinkage and will void manufacturer's warranty.**

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Installation Method

*** To retain Manufacturer's Warranties.**

CUTTING THE CARPET

tretford's unique construction means it can be cut in any direction without fraying. Ribs may be cut diagonally to give a neat finish at edges. If butt/cross joins are required, cut the ends to be joined at an angle so that the last ribs on each roll are pushed neatly together to form an invisible join.

CROSS-JOINS & SEAMS

- **Direct Stick:** All cross-joins must be joined using Dual-Bond Heat Bond Tape.
- **Dual Bond:** All cross-joins & side seams: to be joined using Dual-Bond Heat Bond tape. Refer to AS NZS 2455.1-2019.
- **Seams:** (side joins) Must be double cut when installing the light and solid colours to ensure a clean join - darker heathered colours can be assessed at point of install.

DIRECT STICK & DUAL-BOND

Spread tretford 240 with the recommended notched trowel and coverage rate (refer section on recommended adhesive). **tretford MUST be 100% adhered to the subfloor – no spot gluing - to prevent expansion, contraction and bubbling resulting from changes in humidity.**

Place carpet and press from centre outwards to exclude air and ensure overall contact with the adhesive. Roll end-to-end and side-to-side using a 75-100lb roller. Roll again after 30 minutes.

To avoid problems with shrinkage do not lay tretford into overly wet adhesive. Allow the adhesive to tack-up (dry to a paste like consistency) before lowering the carpet. Tack-up time will depend on atmospheric conditions and on the absorbency of the substrate/underlays (**note : Dunlop underlays take longer to tack off - compared to Bounce underlays.**)

Correct tack-up is evident once adhesive is tacky and when pulled away, strings or cobwebs should be apparent. If the correct tack has not developed, wait five minutes, then re-check every few minutes until cobwebs appear.

Shrinkage (in length only) can only occur if there is:

- Excessive moisture in the subfloor
- Water content in the adhesive is too high
- Insufficient time is allowed for correct tack to build-up or there are significant changes in air humidity during installation.
- Incorrect/unspecified underlays

SHRINKAGE IS NOT A MANUFACTURING FAULT.

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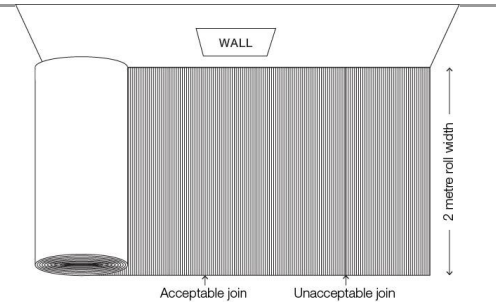
RIBS

DO NOT cut into middle of a rib when doing cross-joins.

Gap between cross-joins must not be larger than the distance between each rib (diagram 1.0).

Cut between ribs and bevel back one side at angle to ensure consistent spacing (diagram 1.1).

PLEASE NOTE: If methods for Cross-Joins, Seams and Ribs are not followed, tretford's warranties will be voided. See diagrams here:



PERIMETERS

Only cut in around the perimeter once the adhesive has set. (If in any doubt, do not cut in around perimeter for at least 24 hours ie. cut in next day)

DUAL BOND: When installing over an underlay, ensure that the carpet is trimmed neatly to wall finish otherwise provision should be made to fit under skirtings. Seams should be located no closer than 15-20cm from the edge of the room to avoid unsightly peaking.

Temporary tacking can be an additional safeguard if it is deemed necessary.

GRIPPER

DUAL BOND ONLY: An option is to use either architectural or residential GRIPPER in dual bond installations to provide additional hold while adhesive is curing. Because of tretford's construction, gripper can only be fixed on the ends of the runs, (parallel to the ribs across the width). Note that the rib construction makes tretford too rigid to fix properly onto the gripper down side seams. This means that only two of the four walls would have gripper fixings. Note: tretford does not shrink in the width.

PLEASE NOTE: Always ensure that the correct profile of GRIPPER is used to match the profile of the underlay used. It is ultimately up to the discretion of the installer and Gibbon Architectural will not be held liable for any issues related to installations where GRIPPER has been used.

Upon Completion

IMPORTANT

Allow a minimum of 24-48 hours to allow the adhesives to cure properly before traffic & furniture.

MATERIALS FOR PROTECTION

IMPORTANT:

- **Do not cover with any impervious protective material to avoid serious damage to textile floorcoverings due to condensation (AS/NZS: 2455 3.11).**
Do not cover any portion of the carpet with plastic or any other material that would limit breathability. If the carpet cannot breathe after installation, moisture can become trapped, leading to issues with adhesive not curing, shrinkage or serious damage to the textile flooring causing installation failure.
- Protect the installation from rolling traffic by using sheets of hardboard or plywood in potentially affected areas. Do not place plastic sheeting over any carpet installation because it may present a slip hazard. NOTE: Self-adhering plastic films may leave residues that result in rapid soiling after removal

MAINTAIN TEMPERATURE

- **Maintain temperature of carpeted areas to above 10°C for 48 hours after installation.**

SPECIFIC INSTALLATIONS

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ON STAIRS

In commercial situations stair nosing should be used. In residential situations, tretford sheet should be conventionally installed using good quality underlay. Generally, ribs will be laid landscape running across the stair.

UNDER FLOOR HEATING

Both tretford and the recommended adhesives are suitable for use over an in-floor heating system; however, it is recommended that the heating be switched off for 48hrs prior to, and for 48hrs after

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installation. Temperature is to be increased gradually when turned back on.

NOTE: DO NOT USE with blanket type heating system.

WALLS & CEILINGS

tretford ROLL can only be installed on walls or ceilings where it meets fire classification code for that building. tretford achieves a Group Number assessment of Group 3 in accordance with AS 5637.1-2015 testing method. A successful installation of tretford Carpet onto walls or ceilings requires specific steps to ensure the adhesive will hold due to the carpet's weight.

Use recommended adhesive – tretford 240 - follow steps below to produce a successful outcome:

tretford ROLL:

- **MapeContact double sided reinforced tape** - 240mm (or similar) – apply to the perimeter and two opposing diagonal strips across the face of the wall
- Leave protective paper backing on tape while applying full coverage of tretford 240 across the surface area.
- Once the tretford 240 is sufficiently tacked off, remove paper backing off Mapei Contact tape before applying carpet to the wall.
- tretford Carpet can also be (temporarily) tacked in between the ribs to give extra support.

Options:

- tretford can be cut into smaller sections (e.g. 1m wide x 2.7m long - this will reduce by half the weight in any one run).
- Use of a fan can assist in speeding up tack up time.

(Note: tretford TILE is not recommended for wall installations, as it does not comply to Australian Standards for Fire Testing for this application.)