

# INSTALLATION INSTRUCTIONS

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

Installation guidelines on tretford architectural folders and the international website do not apply to Australian tretford installations.

For the latest published guidelines, please refer to [www.gibbonarchitectural.com.au](http://www.gibbonarchitectural.com.au).

## GENERAL INFORMATION

The following instructions are to be reviewed in conjunction with AS/NZS 2455.1:2019 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 product that is not installed in accordance with these instructions and procedures.

## PRE-INSTALLATION

### 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](mailto:sales@gibbongroup.com.au).

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

## Acclimatisation

At times of extreme humidity changes it is recommended to allow the rolls to acclimatise on site for a period of 24 hours before installation in the area in which it is to be laid.

**Please be aware that tretford is a natural fibre. Ambient humidity (RH) levels >75% at the site are to be avoided and can be mitigated by mechanical extraction if required.**

## Sequential Batching

Please note, in accordance with [Australian Standards](#), tretford Rolls and/or Tile's must be laid in [sequential order](#). If Rolls or Tiles are not installed sequentially, [colour variation may occur](#).

## Ribs

tretford's ribs run across the roll (parallel to the 2m width).

## Direction

tretford 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 the ribs running perpendicular to the principle light source.

A reflection off the backing may be visible between the ribs until the carpet has settled in. This is not a manufacturing fault or indicates below standard tuft weight and is only visible when carpet is newly laid.

## 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. All carpet must be laid in the same direction and laid sequentially.

## Video Guides & Tips

To view our [instructional videos](#) along with some useful tips on installation of tretford roll, please scan the below QR code:



# SUB FLOOR PREPARATION

tretford ROLL is to be installed on dry, clean, and properly prepared subfloors as per AS/NZS 2455.1:2019. 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.

Shrinkage or bubbling of the tretford carpet can occur and/or the adhesive bond to the subfloor may be compromised due to the following situations:

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.

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.

A primer may be required if installing onto a high porosity sub-floor. Please contact **Gibbon Architectural** for direction.

[Please see full Sub Floor Preparation document here.](#)

Or scan the below QR code to view:



# SPECIFIED ADHESIVE tretford 240

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:** Please note tretford 240 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/NZS 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.

**ANY USE OF NON-SPECIFIED ADHESIVES WILL VOID MANUFACTURER'S WARRANTIES. (NO SPOT GLUING).**

## **Adhesive Application**

DUAL BOND - UNDERLAY direct to the sub floor

**"V1" 1.6mm notched trowel**

*SPREAD RATE: approx. 5m<sup>2</sup>/litre*

TRETTFORD TO SUBSTRATE OR UNDERLAY

**"V2" 2.4mm notched trowel**

Required for the installation of tretford carpets as a direct stick application direct to sub-floor or recommended underlay in a dual bond application.

*SPREAD RATE: approx. 3m<sup>2</sup>/litre*

# INSTALLATION METHOD

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

## Direct Stick & Dual-Bond

Spread tretford 240 with the recommended notched trowel and coverage rate (please refer to previous section on recommended adhesive). tretford must be 100% adhered to the subfloor – no spot gluing. Place the carpet and press from the centre outwards to exclude air and ensure overall contact with the adhesive. Roll from end-to-end and side-to-side using a 68kg 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.

The correct tack-up time can be determined by placing a small piece of carpet into the adhesive. When the carpet is 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 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.

**SHRINKAGE IS NOT ACCEPTED AS A  
MANUFACTURING FAULT.**

## CUTTING THE CARPET

tretford's unique construction allows the carpet to be cut in any direction without fraying. Ribs may be cut diagonally to give a neat finish at all room edges. If butt joints 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.

**tretford MUST be installed using 100% adhesion** to prevent expansion, contraction and bubbling resulting from changes in humidity.

## PERIMETERS

Provision should be made to trim to walls under skirting; otherwise care needs to be taken in trimming carpet at the perimeter. Only cut in around the perimeter once the adhesive has set. Temporary tacking can be an additional safeguard if it is deemed necessary. For dual bond installations, please refer to Dual Bond Installation section.

## SEAMS

Seams (side joins) are to be double cut when installing the light and non-heathered colours – this will ensure a cleaner 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.

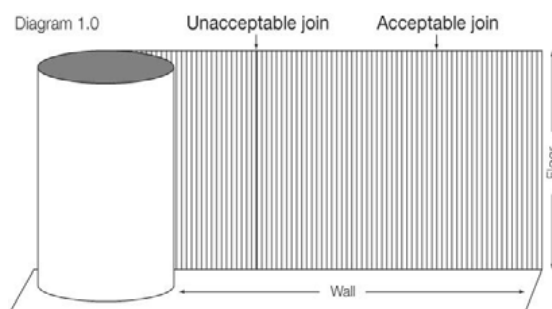
## RIBS

Cutting into the middle of a rib when doing cross-joins is unacceptable.

The gap between cross-joins must not be larger than the distance between each rib of the carpet (diagram 1.0).

Cut between the ribs and **one side bevelled back** at an angle to ensure consistent spacing (diagram 1.1).

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



# SPECIFIED UNDERLAYS

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

## AIRSTEP CARPET UNDERLAYS

- SENSI SLAB - 4.7mm
- AERO CUSHION - 7mm (Domestic install only)

## DUNLOP CARPET UNDERLAYS

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

## SPECIALISED INSTALLATIONS

- PLAYGROUND SOFTFALL UNDERLAY SYSTEM  
(Please contact **Gibbon Architectural** for instructions.)

## INSTALLATION

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 previous sections re: cross joins/seams and recommended adhesive instruction). Adhesive tack-up time will be longer over underlay as it is non-absorbent.

## PERIMETERS

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.

## GRIPPER

A further option is to use either architectural or residential GRIPPER to provide additional hold while the adhesive is curing. Because of tretford's construction, it is only possible to fix the gripper down the length of the runs - at either end - which gives more stability at this curing stage. The ribs run across the width making it quite rigid and therefore GRIPPER cannot be successfully fixed down these side seams, i.e., 2 of the walls would have GRIPPER fixings.

**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.

# SPECIFIC INSTALLATION

## Installation on Stairs

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

**PLEASE NOTE:** tretford cannot be used in installations where a blanket type heating system is used.

## Installation on Walls & Ceilings

tretford can be installed as an acoustic wall covering on any clean, dry, smooth surface such as concrete, dry wall, plaster (not directly over gypsum-based substrates), particle board, metal, plastic, laminate or plywood (min thickness 12mm or 1/2"). Do not install over wallpaper or vinyl wall coverings.

When installing tretford on walls with ribs running vertically, run full sheet along ceiling line to keep seam below eye level (refer to diagram 2.0) - avoid locating horizontal seams at eye level. **For more detailed guidelines please contact [sales@gibbongroup.com.au](mailto:sales@gibbongroup.com.au).**

## Illustration:

