



INSTALLATION GUIDELINES FOR tretford® ROLL CARPET

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The combination of natural goat hair and virgin wool – or goat hair blended with highly-durable polyamide 6 – guarantees that tretford® carpeting will meet highest standards. But only professional installation will enable the carpet to fully showcase its inherent qualities. In principle, the recognized standards set out in the German Construction Contract Procedures (VOB), and corresponding DIN specifications (DIN 18365) for flooring works, apply. *It is up to you as the installer to meet your obligation to carefully inspect the subfloor as well as the material to be processed.*

Please observe the following information prior to installation. Upon delivery – but before the cutting – it is necessary to check the product for:

- possible damage during shipment
- Confirm quantity ordered
- Confirm color and uniformity of color

This information can be found on the card accompanying the carpet roll. Carpet rolls should be transported upright. Any problems should be addressed in writing without delay. **Please note that possible claims cannot be considered once the carpet has been cut to size.**

COLOR: tretford® carpeting is composed largely of goat hair, which is partly dyed and partly undyed, to create the final “composed” color. This results in a mottled appearance that is product-specific to our carpeting. This does not constitute grounds for a claim. It can be likened to the grid points of an image that don’t disturb the overall impression.

ROLL INSTALLATION

It is recommended that tretford® Roll be installed by sticking directly to the sub-floor or over an underlay.

SUB-FLOOR PREPARATION

For the best possible installation result the subfloor must be in good condition. It should be dry, level, clean and pull-resistant. Prior to installation, the subfloor should be inspected by the installer following the generally-acknowledged rules of the trade as well as VOB Part C/DIN 18365. Fundamentally, this means that old adhesive rests and other debris must be completely removed. The entire subfloor must be sanded, vacuumed, primed and evened out. Ensure that:

- any cracks in the subfloor have been properly filled and smoothed
- movement joints have not been closed



- the subfloor is dry (hygrometer test)
- any unevenness does not exceed the tolerances (DIN 18202)
- the surface is not coarse and porous
- the heating protocol is available for underfloor heating systems
- a proper indoor climate is in place (prior to, during and after installation): Floor temperature: >15°C, room temperature: 18-22°C, ideal rel. humidity: 40-60%
- the perimeter isolation strip has adequate protrusion

If the subfloor is wood, the floor boards must be checked for structural solidity and good, secure fit. If necessary, the floor boards should be sanded and smoothed. To compensate for any differences in height, thin chipboard (16 mm V 100) can be applied – floating installation. Improperly or inadequately prepared subfloors can cause damages during installation. Please call us should you have any questions or be unclear about anything.

ACCLIMATIZATION

At times of extreme humidity changes, it is best to unroll the carpet or roll it loosely and allow it to acclimate for twenty-four hours before installation in the area in which it is to be laid.

CUTTING THE CARPET

tretford® Roll's unique construction allows the carpet to be cut in any direction without fraying. Seams must be double cut when installing bright or non-heather colors to ensure the cleanest possible join. Seam sealer is not required; however, it may be advisable to seal joins where tretford® Roll is cut into designs or where frequent wet cleaning is likely. Seam sealing will limit the ingress of moisture, which can undermine the adhesive bond to the subfloor and cause shrinkage. ***Installers, please note that once you have cut the carpet, you own it!*** Remember to check color, quantity, batch and roll sizes against your order before cutting.

DIRECTION OF LAYING

We recommend that rolls be laid with the ribs running perpendicular to the principle light source (tretford®'s ribs run across the roll). Note: Where rolls are laid side by side, the rolls must be laid in the 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. On stairs, the ribs may be run parallel or perpendicular to the step.

ADHESIVE

For permanent bonding, use only rubber/resin-based adhesives: F.Ball's F3, Mapei Ultrabond Eco 220 (Australia & New Zealand) or Parabond 4099, Polymer 265 or Durabond LE9000 (USA).

PLEASE NOTE: Spirit based adhesives must never be used when installing tretford® Roll. Their use voids all manufacturer warranties.



ADHESIVE APPLICATION

Direct Stick: Spread Styccobond F3 with the recommended 'V' notched trowel (2.4mm x 4.75mm). The coverage rate should be 12-15m²/5 liters. tretford® Roll must be 100% adhered to the subfloor – no spot gluing. Place the carpet and press from the center 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.

Over Underlay: If installation over an underlay is preferred, a double-stick system must be used with a contract quality underlay (please refer to your local distributor for specific recommendations). The carpet must be 100% adhered to the underlay and the underlay 100% adhered to the subfloor. When applying the Styccobond F3 to the underlay, use a 2.4mm x 4.75mm 'V' notched trowel. Do not use a pressure sensitive/release adhesive at any stage.

CARPET INSTALLATION

In contract situations, tretford® Roll should always be installed by 100% (all over) direct adhesion to the subfloor using a permanent bond adhesive. If an underlay or pad is required or preferred, a double-stick system and dense, contract grade underlay should be used. 100% adhesion will prevent expansion, contraction and bubbling resulting from changes in humidity. In all dual bond installations, cross-joins must be heat bond taped using dual-bond heat bond tape. In direct stick installations, cross-joins may also be heat bond taped using dual-bond heat bond tape or, if not, must be temporarily tacked in place until the adhesive has permanently bonded so that the joins do not open.

PLEASE NOTE: The carpet must never be spot glued.

To avoid problems with shrinkage do not lay tretford® Roll into overly wet adhesive. It is important to 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, re-check, and re-check every few minutes thereafter until cobwebs appear. Double-dropping the carpet into the adhesive can reduce tack-up time. Shrinkage can only occur if there is: excessive moisture in the subfloor; too high water content in the adhesive; insufficient time is allowed for correct tack to build-up; or there are significant changes in air humidity during installation. **PLEASE NOTE: Shrinkage is not caused by or accepted as a manufacturing fault. Only cut-in around the perimeter once the adhesive is set.**

Please Note: adhesive tack-up time will be longer over rubber underlay as it is non-absorbent. When installing over an underlay, to help protect against shrinkage or simply for aesthetic reasons, a 3" wide, flat edge/architectural strip with 3 rows of low profile tacks may also be used around the edge of the room. The carpet is hooked over these, to hold the carpet tight, and tucked-in to give a softer finish to the edges. Cotton head stretchers must be used to avoid tearing or damaging the carpet and seams should be



located no closer than 6"-8" from the edge of the room to avoid unsightly peaking.

In residential situations, the carpet may be loose-laid and joined using wide adhesive tape.

UNDER FLOOR HEATING

Both tretford® Roll and the recommended adhesives are suitable for use over under floor heating. However, it is recommended that the heating be switched off for 48 hrs prior to installation of the carpet and for 48hrs after installation and temperature increased gradually when turned back on.

LIGHT SOURCE

If possible, lay the cord rather than the roll, perpendicular to the primary light source. Please note, if the cord runs parallel to the light source or if there is very strong overhead lighting, a reflection off the backing may be visible between the ribs until the carpet has settled-in. This is not a manufacturing fault and does not indicate below-standard tuft weight. The phenomenon is only visible when the carpet is newly laid and is not a cause for concern.

SHADING

tretford® Roll cord carpet is a natural fiber product. Different production runs of the same product may therefore be subject to shade variation. This is not a defect or a manufacturing fault.

INSTALLATION ON STAIRS

In contract situations stair nosing's should be used. In residential situations, tretford® Roll should be fitted over good quality stair pads and the stair carpet moved periodically.