

INTRODUCTION

Every type of carpet is unique and needs special care. Flat-woven carpets are not fitted in the same way as conventional loop pile and cut pile carpets. Please read the installation recommendations carefully before starting. Installation by a licensed and experienced carpet installer will get the best results. Since carpet is a textile, it cannot be made to exact specifications and are subject to manufacturing tolerances.

Please note that the installation methods are provided for guidance only. The information is general and not applicable in all cases. Curran cannot be held responsible for the installation, whether or not our recommendations are followed. It is up to the carpet fitter to use compatible products or to try out the products in trial areas to avoid any errors. We emphasize that the fitting of our carpet is always solely the responsibility of the installation professional.

RECEIVING & HANDLING SHIPMENT

For all deliveries, our general conditions of sale and delivery apply.

- Before the start of the installation and cutting, all rolls must be checked for transportation damage upon receipt of the shipment. In case of transportation damage, the forwarder and Curran must be notified within five days of receipt. If no remark has been made on the consignment note, transport damage cannot be claimed.
- Inspection of all received carpets, including all labeling, sizes, quality, and color(s) must always be done before fitting. If quality remarks are not reported before using the carpet, Curran cannot be held responsible for any visible defects and cost after the carpet has been cut and installed.
- Carpet rolls must be transported with a carpet pin. The rolls may never be bent and/or folded; this may cause damage to the carpet that cannot be repaired. Building, construction, renovation, and mounting of fix equipment and also heavy traffic with construction vehicles, tools, etc. should be removed before preparation of the floor.
- Unwrapping the roll of carpet must be done with great care. Please pay attention that sharp instruments can damage the carpet pile.

PREPARATIONS

Please make sure that the carpet fitters are aware of the content of the SynSisal[®] installation recommendations and seaming guides before starting the installation. In case of doubts or questions, please contact our [customer service team](#).

Always check the specifications of the suppliers of materials being used during the installation, e.g. adhesives, underlay, tools, etc. Environmental and safety aspects should be fully respected throughout the carpet installation. It is recommended that the areas surrounding the installation should be checked to ensure no accidental damage could be caused during the installation.

REQUIREMENTS BEFORE INSTALLATION

1. STORAGE

Carpet and related materials must be stored in a climate-controlled dry space with conditions similar to where the carpet will be subjected to during use. Carpets must be protected from frost, soil, dust, moisture, and other contaminants and stored on a flat surface.

2. CONDITIONS

The carpet must be unwrapped together with all other materials, i.e. subfloor, adhesive and other materials, in an acclimatized space at least 48 hours prior to cutting and installation. Unrolling the carpet is recommended to optimize the conditioning. The ideal room temperature lies between 18-25 °C (64-77 °F) and the relative humidity between 50-65%. Failure to condition can result in tension variation.

The humidity in (new) concrete floors may not exceed 60%. Further details about the humidity conditions of the subfloors are normally written in the specifications of the adhesive suppliers and must be respected, and eventually, be measured by specially trained professionals.

The floor heating, if available, must be off and cooled down before installation. Floor heating may not be turned on before the adhesive is completely dry and the carpet has settled. This takes at least 24 to 48 hours after the installation, or as per specifications of the adhesive supplier.

3. SUBFLOOR

The subfloor serves as the perfect base for any installation. Before starting the installation, the carpet fitter should make sure that the surface meets the following criteria:

- No cracks (in case of cracks, they must be sealed professionally)
- Permanently dry (adhesive supplier's specifications must be consulted to see what is applicable)
- Unevenness must be repaired; the floor surface may not be rough and porous
- Previous coatings, residual adhesives and other soiling must be removed completely
- The floor temperature is not less than 15 °C (59 °F)
- In case of floor heating, floor heating specifications should be consulted. The carpets may not be continuously exposed to a higher temperature than 30 °C (86 °F) to avoid changes in material.
- The subfloor must be perfectly level, clean, and vacuumed (dust-free), and must have a sufficiently durable surface.

To avoid draft marks, the skirting at the perimeter of the area as well as the whole floor should be free of air holes. Through the air holes dusted air can get under the carpet. This may result in “black stains” in the carpet. Identified air holes must be sealed to avoid the risk of draft marks in the carpet.

If the subfloor is not in the right condition, the quality and visual impression of the carpet can be affected and therefore the carpet should not be installed.

INSTALLATION RECOMMENDATIONS

GENERAL FITTING INFORMATION:

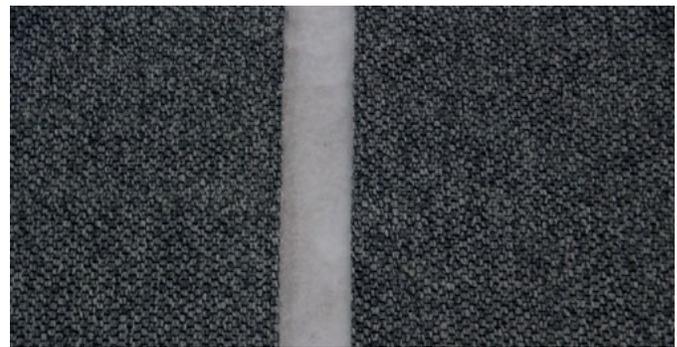
- Damp substrates can lead to secondary emissions and odors. Therefore, only apply on well-dried and prepared substrates to ensure the best possible result.
- Direct bonding on old adhesive residues can cause interactions and thus unpleasant odor development. Old layers should therefore be removed. Old adhesive residues need to be reworked with a barrier primer and leveled with a self-leveling compound at sufficient thickness (usually 2 mm).
- Flat woven carpet is recommended to be fully glued to the subfloor or installed over a commercial grade floor pad. Please work with your installer for best recommendation for your area.
- Loose laying of flatwoven carpet is always done at own risk. If loose laying is used, it is only recommended for rooms less than 25 m² (296 ft²), with light traffic and without caster chair use.
- We recommend using plastic mats with caster chairs in heavy use areas.

STEP 1: ACCLIMATE AND DETERMINE WEAVE DIRECTION FOR INSTALLATION

Make sure to only fit rolls from the same batch next to each other, to avoid differences in appearance. Common production-related tolerances (e.g. color differences between batches, etc.) should not be treated as a defect. The carpet lengths should always be fitted in the same direction within one room.



We recommend fitting the carpet in all rooms or levels in one direction only, due to the clearly visible texture of flatwoven carpet.



Lay the carpets side by side to identify the pattern match.

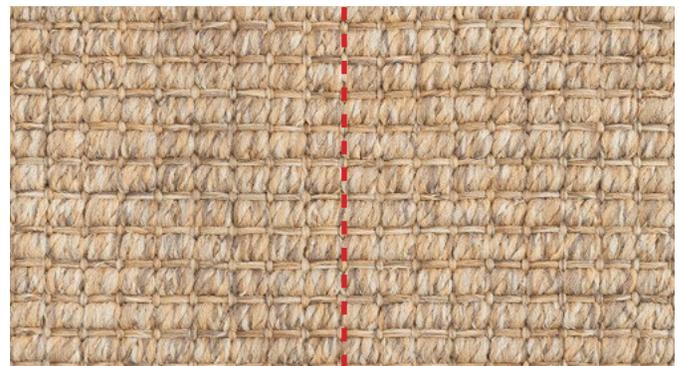
STEP 2: CUTTING SEAMS PROPERLY

Cut the edge approx. 10 cm (4.0") from the factory edges, following the pattern line. We recommend cutting the edges of the carpet lengths separately. Be sure to cut the seams following the straight warp yarn. Never cut through the straight warp binding yarn, to avoid fraying and loosening of the weave.

⚠ Do not cut the carpet from the back or double cut the carpet. The nature of flatwoven carpets means a perfect pattern match will be less achievable with longer lengths of seam joins. This cannot be entirely avoided.



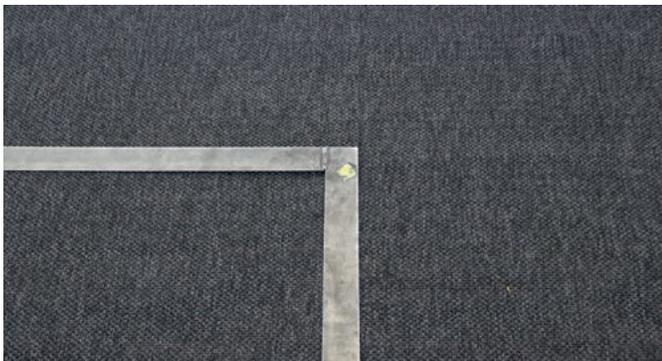
Cut the final edges following the straight warp binding yarn.



In woven structures, where in machine direction the straight warp yarn cannot be noticed, cutting must be made exact along the pile-warp surface yarn.

USING THE CORRECT CUTTING AND SEAMING TOOLS:

The installation team should take the time to join the seams very well. This may take some extra time and labor while learning to work with the specific weave, but this extra attention during fitting will make all the difference in wear over the coming years. This careful attention also applies to the correct tools used for installation. A seam cutter that we recommend (and please take note to have lots of blades available) is available at <https://craintools.com/carpet/seam-cutters/303>.



Cut the edges by using a 4-meter-long (13.01") flexible straight edge (8 cm - 3.15" wide).



Cut the edges with a sharp trapezoidal knife. Change the blade of the knife regularly. When cutting, it can be helpful to hold the knife at a slight angle to give a smooth cut.



Alternatively, you may use the seam cutter shown here.



⚠ Never use a hook-type cutter as it will give a frayed edge.

STEP 3: SEAM SEALING

GENERAL SEAMING INFORMATION:

- With flatwoven carpets, we always recommend to avoid head seams. If a head seam is absolutely necessary, always cut precisely following the pattern line.
- Head seams can also be finished with a metal binding strip. For example; head seams can be used with doorways, when carpet goes from hall areas into adjacent rooms. Ensure that the seam is directly underneath the door leaf. The head seam must be covered with a metal binding strip.
- After cutting seams, always use a Carpet Seam Sealer to 'seal' the cut edges. It is absolutely critical that every cut edge, including seams, perimeters and openings are seam sealed. Seam sealer should be applied in sufficient quantity to seal all edges. Sealer should cover the thickness of the primary and secondary backing without contaminating face yarns.



⚠ Let the Carpet Seam Sealer dry well (as per supplier's instructions on the package).



An example of a seam edge.



- Failure to properly seal all edges may result in edge fraying, delamination, pile loss, seam separation and can create possible trip hazards.
- Never apply seams in areas which will be heavy used, e.g. doorways, stairs, working desks, etc. Never let carpet seams run equally with underlay seams. Avoid as many seams as possible in one area.

** Carpet seam sealers are available from different suppliers. Always follow the supplier's instructions when using a carpet seam sealer.*

STEP 4: ADHESIVES

Apply the adhesive evenly to the subfloor. Always use the right tools when applying adhesive. We recommend to use a fine notch blade. Remember to change notched blades frequently.

The carpet adhesive should be applied to the subfloor according to the instruction of the adhesive supplier. The adhesive should cover the subfloor and carpet backing completely. Please make sure to apply enough adhesive so that the carpet is glued down thoroughly and no bubbles or loose areas show up.

Only apply as much adhesive as can be covered within the working time whilst ensuring good transfer to the backing of the covering. The application rates and ventilation times specified in the supplier's guide must be followed to prevent insufficient bonding. For all recommendations, please read the instructions of the adhesive supplier.

Once the adhesive has been uniformly applied and the "tack time" (depending on the climatic conditions in the room and properties of the floor) observed, the carpet can be laid into the glue. Butt the two edges of the lengths together while ensuring that the carpet is not under strain.

We recommend folding back the carpet along the seams, i.e. to allow each seam to be laid precisely in position (press) and glued. Please make sure not to displace the individual lengths. When laying down the lengths, be careful not to push up the adhesive onto the seam. If necessary, remove any adhesive quickly with water.



For the best seams, please hold the two edges together along the seam by using carpet clamps. This tool stretches the carpet in order to achieve close seams.

⚠ ATTENTION!

When using a double headed stretcher never extend the nail rows and tension slightly, otherwise the face yarn will be pulled and the carpet damaged. Do not rub the seams with any object, as the frictional heat may produce permanent stripes. When finished adhering the carpet, roll the full area of carpet with a 60 kg (133 lbs) roller. Be sure to remove all trapped air bubbles.



For the best result, the carpet should not be trimmed around the walls immediately after installing but rather wait for 24 hours to let it dry, which avoids shrinkage.

CARPETING STAIRS

Flatwoven carpet may be suitable to use on stairs. Always check the technical specifications of each product to see if the carpet is recommended for stair use.

When fitting carpet on stairs, it is important that the nosing of the stairs is uniformly rounded with a radius of at least 1.5 cm (0.6"). We recommend fitting the carpet along the length down the stairs. Roughly cut the individual pieces of carpet for the individual steps, leaving an excess of approx. 5 cm (2.0") on all sides. Apply a contact dispersion adhesive onto the step and to the back of the carpet. Following a suitable "tack time", lay the carpet into the adhesive and press down. Subsequently, use a sharp cutter to cut precisely along all contours of the step.



FINAL FINISHING

In areas where the carpets meet another type of flooring, carpets must be fully fixed and protected with a suitable strip. While still fresh, remove adhesive contamination, using warm water with a little washing liquid or a proprietary carpet spot cleaner.

The whole installation area should be left clean and tidy, cleared of tools and waste. The carpet should be carefully inspected to ensure that it is totally flat and free from air bubbles. Loose fibers should be removed and, if required, sharp napping scissors should be used.

After installing, laying and putting into use, the carpets should be protected against damage and contamination from traffic and craftsmen. Flatwoven carpets are easily damaged by the mechanical action of sharp-edged, heavy objects, etc. Therefore, do not, for example, push furniture over the carpet as this will cause permanent damage to the carpet.



Example image of a finished seam.

** The manufacturer does not accept any liability for damage resulting from non-observance of these fitting instructions. Claims for compensation are, therefore, not possible. The information given in these fitting recommendations are of a general nature only.*