



# Installation Guide



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Thank you for choosing a quality carpet from Dansk Wilton. With the correct installation, normal use and correct maintenance you can look forward to a positive carpet experience for the next many years. All carpets from Dansk Wilton are made of the best natural materials giving our carpets their beauty, pleasant comfort and high wear resistance.

In order to give you the optimum benefit of your new carpet, we have in the following described how the floor should be correctly prepared and how the installation itself should be carried through.

We gladly offer a turnkey solution, where Dansk Wilton is responsible for and carry through the installation of your carpet project. You are also welcome to use a carpet installer of your own choice. However, you should make sure that the carpet installer is a professional and has the necessary experience to carry out the installation.

This guide is made on the basis of our experiences and in accordance with the latest, available general information from the industry. The guide will be regularly updated on our website [www.dansk-wilton.com](http://www.dansk-wilton.com).

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As a possible need for preparatory work, as well as the choice of fitting method and materials, always has to be evaluated in accordance with the local conditions, Dansk Wilton cannot be held responsible for the performance of the work whether or not our instructions are followed. The use of glue, adhesives and other materials should always be in accordance with the recommendations of the manufacturer.

## Important information

All estimated quantities in this material are based upon the drawings provided, the accuracy of which is the responsibility of the client.

Please verify seaming layout against scope of work to ensure all areas have been covered.

Before placing a final order, quantities and design layouts should be verified by you or your designated carpet installer following a full site survey. Placement of an order against the seaming layout plan will act as acceptance of layout and quantities provided.

Dansk Wilton specific point out that you should always inspect the carpet delivered to you before commencing fitting. Every order is handled by Dansk Wilton with optimum attention. Inspections on our factory is however always carried out under conditions that are different to those under which the carpet is to be fitted. It is therefore to your own advantage to ensure that a thorough inspection is made. Make sure that the quality, pattern, etc. correspond exactly with your order. Always register any deviations before commencing cutting or fitting the carpet. Only then will we be able to accept and process any possible complaints.

Dansk Wilton strongly recommend that all areas are 'Dry Laid' prior to installation, to assess the carpet pattern and to ensure that all rolls are positioned in the correct location. The use of string lines or lasers is recommended to ensure proper alignment.



It may be necessary to power stretch areas for proper alignment. Please note that installation of long corridors can require several seams in the length to secure proper placement of certain design elements in front of doors etc. For all seams always remember to use a suitable seam sealer for cut edges and always use a hot melt tape to make a proper and strong seam.

All seam layouts developed by Dansk Wilton should be followed and any alterations made on site will be the installers responsibility.

Installation to be in compliance with B.S 5325 or with the National Institute of Carpet Fitters. Also see Dansk Wilton Installation Guide and Quality Manual for further information on installation and carpet tolerances.

We do not recommend the carpet to be covered with any kind of covering that has a sticky/adhesive coating. Alternate coverings could be light plywood, heavy-duty craft paper or similar.

### **Carpet identification and control before installation**

First of all the carpet roll should be examined for transport damage. In the event of transport damage, it has to be controlled immediately that the damage has been reported towards the transport company (clearly marked in the consignment note). Furthermore, Dansk Wilton has to be notified immediately about the transport damage and the extent of the damage.

Before unpacking the carpet, the marking/label of the carpet roll should be carefully controlled in order to verify that the roll corresponds to the roll which has to be used according to the installation plan. Furthermore, it has to be controlled that the pattern, colors, width and length correspond to the references in prints or pegboards and in the installation plan etc.

Furthermore, it has to be verified that all carpet rolls are placed in the same direction. The fitting/installation direction always has to be the same and may never be changed or reversed seeing that this will result in a wrong pattern appearance and -match and a wrong light reflex in the carpet.

In the event of considerable mistakes or defects in the carpet making the installation either difficult, wrong or impossible or indicating mistakes in the production process at Dansk Wilton, the installation should be stopped immediately and Dansk Wilton has to be contacted for further instruction and solution of the problem. If the carpet is installed without observing the above instructions, Dansk Wilton cannot be held responsible for the following consequences for the carpet installation in question.

### **General recommendations**

In order to achieve a satisfactory result, the following must be complied with prior to the installation of the carpet:

Building/construction, renovation, mounting of fix equipment, heavy traffic with construction vehicles, tools etc. should be finished before preparation of the floor.

The floor should be solid, fix, dry, level and clean, without edges and cracks and without oil or grease stains. Floor primer can help assure a correct surface. If the floor is not in the right condition, the carpet cannot be installed correctly; the capacities of the carpet are reduced or destroyed. At the same time this will have a negative impact on the final visual impression of the carpet.



It is important that the carpet (without the protecting plastic wrapping) and subfloor and possible other materials (including adhesive) are acclimatized. This is done by placing the materials in the room/environment in question at least 24 hours prior to cutting and installation.

There has to be a "normal" temperature and humidity in the room during the installation and until a possible adhesive is completely dry. Recommended temperature is 18 to 25 degrees Celsius and the relative air humidity should be 30 to 70%. Humidity in concrete floors may normally not exceed 60% – this is particularly important in new buildings.

The floor heating has to be off and cooled down before installation. Floor heating may not be turned on and equipment with furniture etc. may not take place before the adhesive etc. is completely dry and the carpet has "settled" which will normally take 24 hours after the installation.

Before cutting and installation it is important that the installer has carefully carried through the instructions given by Dansk Wilton in this installation guide – see "Carpet identification and control".

In order to achieve the best possible result, all joints should be avoided to the extent possible in the most exposed places e.g. in front of lifts, doorways and entrance areas. Note that joints always have to be full fixated and tape seamed – in case of installation on grippers, the tape always has to be heat seamed.

Always remember a throughout pattern match before full fixing of the carpet.

Possible natural variations in the carpet (pattern bowing etc.) should always be straightened during the installation and before the final fixing/adhesion of the carpet. For information about international tolerances as to natural bowing in the carpet, Dansk Wilton should be contacted – see also [www.danskwilton.com](http://www.danskwilton.com) for more details.

The area where the carpet meets another type of flooring always has to be full fixated and protected with a suitable list or strip.

It is recommended to finish stair edges with edge protectors. Note: not all carpet types and underlays are suitable for stairs. For more information in this respect, kindly contact Dansk Wilton.

In areas exposed to prolonged use of office chairs with castors or to another hard and uniform usage, the pile of the carpet should always be protected with e.g. a suitable synthetic or plastic sheet.

In order to avoid subsequent damaging of the carpet and to keep the capacities of the carpet in the best possible way during construction projects, Dansk Wilton recommends that the carpet is always well protected after the installation with e.g. a plastic or paper covering. We do not recommend the carpet to be covered with any kind of covering that has a sticky/adhesive coating. Alternate coverings could be light plywood, heavy-duty craft paper or similar.

Note that furniture and equipment should not be placed on the carpet before the adhesive is completely dry which can take up to approximately 24 hours. Otherwise, there is a risk of visible pressure marks in the carpet.

The above mentioned recommendations are general and thus not applicable in all cases. Dansk Wilton therefore cannot be held responsible for the installation whether or not our recommendations are followed.



## **Installation instructions for Axminster carpets**

All Axminster carpets from Dansk Wilton are suitable and approved for e.g. ships (IMO approved), hotels, restaurants, conference centers and similar areas where a strong and beautiful natural carpet will contribute to a high comfort and a beautiful presentation of the room.

The following should be taken into consideration when installing Axminster carpets:

Pile and ground tissue are fixed together using a latex adhesive. However, this doesn't make the carpet cut resistant. During the cutting or seaming process these areas therefore as a minimum have to be full fixated and edge fixated (the carpet should always be fixated before the cutting – use the anti fraying method in order to avoid fraying of the cutting edge). Furthermore, it is recommended that cut out areas are always protected with e.g. a suitable list or strip.

Axminster carpets can be laid/fitted directly on prepared underlays e.g. concrete floors, wooden floors, tile floors, vinyl or linoleum floors.

Full fixation should always be applied for areas of more than 25 m<sup>2</sup> and in general in all areas where carpets are installed without felt underlay.

Spot fixation and edge fixation together with a possible installation on grippers can be applied in areas of less than 25 m<sup>2</sup>.

Loose laying should only be applied in areas less than 25m<sup>2</sup>. The following guide lines should be observed: the carpet should be edge fixated with adhesive or grippers. The carpet can be glued to the subfloor in approximately 30 cm's width along the end walls. In case of possible joints, adhesive should also be applied in 30 cm's width on both sides of the joints – alternatively the joints should be seamed using a special carpet seaming tape (Heat Bond).

Full fixation should always be applied in areas of more than 25m<sup>2</sup> without underlay. Full fixation can be obtained by one of the following methods: wet adhesion or slip adhesion.

Wet adhesion is the strongest method but with regard to the underlay the method is often applied as "late" wet adhesion in order to diminish the water influence. The adhesive is applied to the prepared floor with a trowel following the manufacturer's instructions.

Slip adhesion is used when a later simple and quick replacement of the carpets is desired with a minimum impact on the subfloor. With the slip adhesion method, the subfloor is primed with a slip primer. After that a dispersion adhesive is applied with a trowel. During a future dismantling of the carpets, the primer and dispersion adhesive will delaminate which reduces the following preparation of the floor. The instructions of the manufacturer have to be followed closely.

Axminster carpets can also be installed on grippers with a suitable felt underlay. Installation on grippers is a demanding installation technique which however gives a pleasant walking comfort, an increased step sound absorption, high strength and elasticity, resistance to traffic and finally a simple and quick replacement of the carpet. In case of joints, an appropriate seaming tape should always be used (Heat Bond).

A special carpet seaming tape (Heat Bond) and special tools/equipment should always be used when seaming 2 carpet lengths together.



Full fixation should always be applied when Axminster carpets are installed in areas exposed to heavy loads e.g. areas with heavy foot traffic and/or other loads (restaurants, lobby, corridors, halls, escape routes, areas exposed to castors from suitcases, serving trolleys and cleaning trolleys). If the carpets are not full fixated in such exposed areas, bowing of the carpet can occur.

If the carpet is not full fixated in areas with high exposure, bowing of the carpet will not be considered as a justified warranty claim.

### **Installation instructions for Colortec and Graffic carpets**

All Colortec and Graffic carpets from Dansk Wilton are suitable and approved for e.g. ships (IMO approved), hotels, restaurants, conference centers and similar areas where a strong and beautiful natural carpet will contribute to a high comfort and a beautiful presentation of the room.

The following should be taken into consideration when installing Colortec/Graffic carpets:

Pile and ground tissue are fixed/laminated together using either a felt or textile backing.

Colortec/Graffic carpets can be laid/fitted directly on prepared underlays e.g. concrete floors, wooden floors, tile floors, vinyl or linoleum floors.

The carpet is to be laid loose or mounted on a substrate of Euroclasses A1<sub>fi</sub> or A2<sub>fi</sub> at least 6 mm thick and with density equal to or greater than 1350 kg/m<sup>3</sup> or follow local regulations.

Full fixation should always be applied in areas of more than approximately 25 m<sup>2</sup>.

Spot fixation and edge fixation together with a possible installation on grippers can be applied in areas of less than 25 m<sup>2</sup> (only if the carpet is mounted with textile backing).

Loose laying should only be applied in areas less than 25m<sup>2</sup>. The following guide lines should be observed: the carpet should be edge fixated with adhesive. The carpet should be glued to the subfloor in approximately 10 cm's width along the end walls. In case of possible joints, adhesive should also be applied in 10 cm's width on both sides of the joints – alternatively the joints should be seamed using a special carpet seaming tape (Heat Bond).

Full fixation should always be applied in areas of more than 25m<sup>2</sup>. Full fixation can be obtained by one of the following methods: wet adhesion or slip adhesion.

Wet adhesion is the strongest method but with regard to the underlay the method is often applied as "late" wet adhesion in order to diminish the water influence. The adhesive is applied to the prepared floor with a trowel following the manufacturer's instructions.

Slip adhesion is used when a later simple and quick replacement of the carpets is desired with a minimum impact on the subfloor. With the slip adhesion method, the subfloor is primed with a slip primer. After that a dispersion adhesive is applied with a trowel. During a future dismounting of the carpets, the primer and dispersion adhesive will delaminate which reduces the following preparation of the floor. The instructions of the manufacturer have to be followed closely.

Colortec/Graffic carpets with textile backing can also be installed on grippers. Installation on grippers is a demanding installation technique which however gives a pleasant walking comfort, an increased step sound absorption, high strength and elasticity, resistance to heavy traffic and



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finally a simple and quick replacement of the carpet. In case of joints, an appropriate seaming tape should always be used (Heat Bond).

A special carpet seaming tape (Heat Bond) and special tools/equipment should always be used when seaming 2 carpet lengths together.

Full fixation should always be applied when Colortec/Graffic carpets are installed in areas exposed to heavy loads e.g. areas with heavy foot traffic and/or other loads (restaurants, lobby, corridors, halls, escape routes, areas exposed to castors from suitcases, serving trolleys and cleaning trolleys). If the carpets are not full fixated in such exposed areas, bowing of the carpet can occur. If the carpet is not full fixated in areas with high exposure, bowing of the carpet will not be considered as a justified warranty claim.

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