

CERTIFICATE



Simply Excellent.

On the basis of the contract on the use of the environmental label no. 32466 based on DE-UZ 128 Edition 2016

Condor Carpets B.V. 8061 RW Hasselt, Niederlande

is granted the right to use the Blue Angel Ecolabel shown below for the product

Condor Group PA66-121-FS in accordance with annex

as a sign of special
environmental friendliness



Bonn, 5 October 2018

A handwritten signature in black ink that reads 'R. Wollmann'.

Managing Director
RAL gGmbH



Bundesministerium
für Umwelt, Naturschutz,
Bau und Reaktorsicherheit



Versie: 1 d.d. 07-07-2023

REACH DECLARATION FOR OUR TEXTILE FLOORCOVERINGS 1907/2006/EC

To whom it may concern

In reference to the Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals ("REACH"), as amended, and in compliance with Article 33 (1), we declare that our product has fully inventoried chemical ingredients and does not contain:

- the REACH Authorization list – Annex XIV: <https://echa.europa.eu/authorisation-list>
- the Restriction list – Annex XVII: <https://echa.europa.eu/substances-restricted-under-reach>
- the REACH SVHC Candidate list: <https://echa.europa.eu/candidate-list-table>

at the date of this document in a concentration above 0.1% by weight.

Company Name: Condor Carpets B.V.

Address Euroweg 3, 8061 SB
Hasselt, The Netherlands

Date December 1st, 2023

Every year, our company will check the list for any further additions in July and December.

Name of authorized company representative: Mike Sandink
Position: Quality Manager
E-Mail: mike.sandink@condorcarpets.nl

Certificate of Approval

This is to certify that the Management System of:

Condor Carpets B.V.

Trading as: Condor Grass
Euroweg 3, 8061 SB Hasselt, The Netherlands

has been approved by LRQA to the following standards:

ISO 9001:2015

Approval number(s): ISO 9001 – 00026048

The scope of this approval is applicable to:

Condor Carpets B.V.: Selling, producing and supplying tufted carpet for the domestic, contract market and industry.
Condor Grass: Selling, producing and supplying artificial grass for landscaping, leisure and sports.



Paul Graaf

Area Operations Manager, Europe

Issued by: LRQA Limited



General maintenance advice from Condor Carpets

Thank you for purchasing a high quality product from Condor Carpets. Your carpet has been produced with the utmost care and attention. However, to keep your carpet looking and feeling good for as long as possible regular maintenance is necessary. To ensure all carpets can be properly maintained we have started a cooperation with the firm James, which is specialized in advice and products for maintenance and cleaning. By using the Condor Lab to research the products provided by James we are able to give you the best possible advice ourselves. Do note that this is an advice; you remain responsible for executing the correct method of maintenance and cleaning for your carpet.

Daily Maintenance



Vacuuming

To ensure your carpet will last as long as possible it is essential that you vacuum your carpet on a weekly basis from the moment of purchase, preferably with an electrically driven brush head on your vacuum. A brush head on your vacuum will remove dust and dirt better than the regular head on your vacuum. This brush head will also brush up the carpet, which keeps your carpet looking fresh, soft and new.

With new wool carpets small fibres are released which leads to the forming of plush, especially in the first few months. This pushing of the carpet does not affect the quality of your carpet; the plush is limited to a fraction of the total weight of the carpet. During these first months you should clear your vacuum on a weekly basis.



Stain removal

Stains should always be treated immediately after forming to ensure the best chance of getting the stain removed completely. Please handle your stains as follows:

Step 1: Immediately soak a bath towel in cold tap water; squeeze out any excess water and place the towel on the spot of the stain. Leave the towel in this spot, without peeking underneath, until the towel is completely dry. Never rub or dab on a stain, by doing so you could harm the texture of the carpet. Never use any soap!

Step 2: Are there still stains visible after you have treated the stain as described in step 1? Please follow the steps on the 'James Staindisc' or on the James website at www.james.eu/en/stain-removal. James products do not cause any damage to the carpet and are available via www.james.eu.

Do you have any questions regarding the maintenance and cleaning, can the stain not be completely removed, or are you uncertain about the treatment of stains with James products? Please go to the James website at www.james.eu, write an e-mail to info@james.eu or call the James Stain line for more advice: +31 (0)77 327 8008.

Carpets produced by Condor Carpets have been repeatedly tested with James products and have seen remarkable results. Of course you are able to use other cleaning products, as long as these products suffice to the following criteria:

- To be used on carpets;
- PH Neutral (6-8)
- Does not contain any soap

Periodic Maintenance



Manual cleaning with James Water

You are able to manually clean your carpet with James Water and a bath towel. If you continually maintain and clean your carpet from the day of purchase with James Water your carpet will remain looking good longer. James Water is a shallow cleaning solution which cleans the tips of the yarns which together form the carpet. You will have a carpet that looks nice for a longer period when using James Water because the carpet will not start to look dull. Areas where the carpet will normally start to look dull are areas such as; the walking areas and the area underneath tables, in front of couches and the place where your pet lies.

You can determine yourself whether it is necessary to manually clean your carpet. Spray some James Water on a white bath towel and make calm, large strokes with this bath towel over the carpet. Do you see your carpet becoming visually cleaner? Then continue making calm, large strokes until the carpet has been completely cleaned.

To ensure your carpet lasts for years and years, we advise you to get your carpet professionally cleaned once every year. Do make sure there is no soap residue being used during the cleaning process.

Condor Carpets and James hope you enjoy your new carpet!



Condor Carpets B.V.
Randweg 14, 8061 RW | P.O. Box 21, 8060 AA Hasselt, the Netherlands



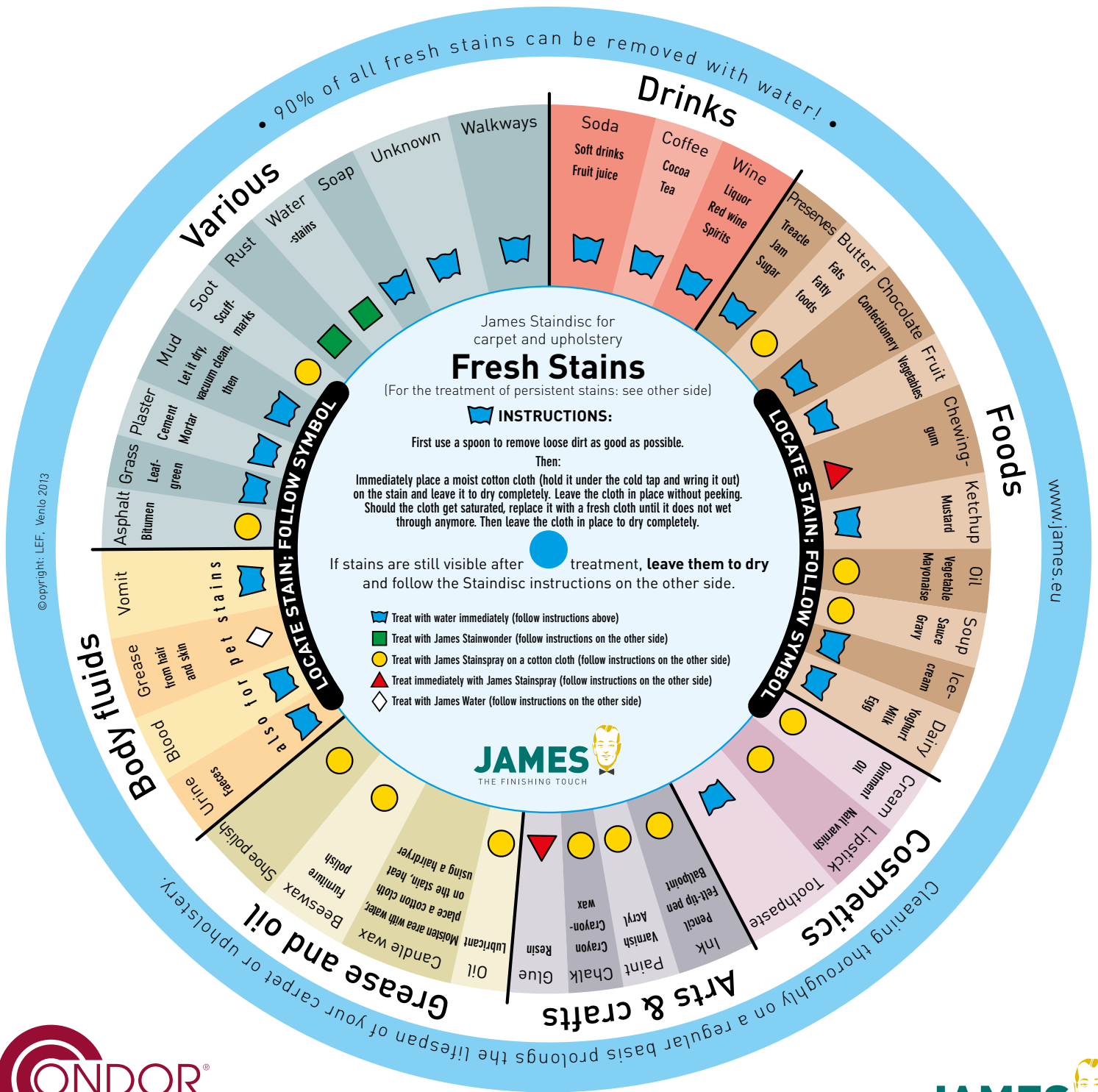
James Staindisc for fresh stains

Below you can find the front side of the James Staindisc, here you can find the most common fresh stains. The Staindisc works as follows:

Step 1: Choose your category and the type of stain

Step 2: Look which symbol is mentioned and look for this symbol in the center of the Staindisc.

Step 3: Follow the exact instructions mentioned in the center of the Staindisc. For the complete instructions you should always consult the label of the product you should use. Is your stain not mentioned on the Staindisc? Please go to www.james.eu/en/stain-removal.



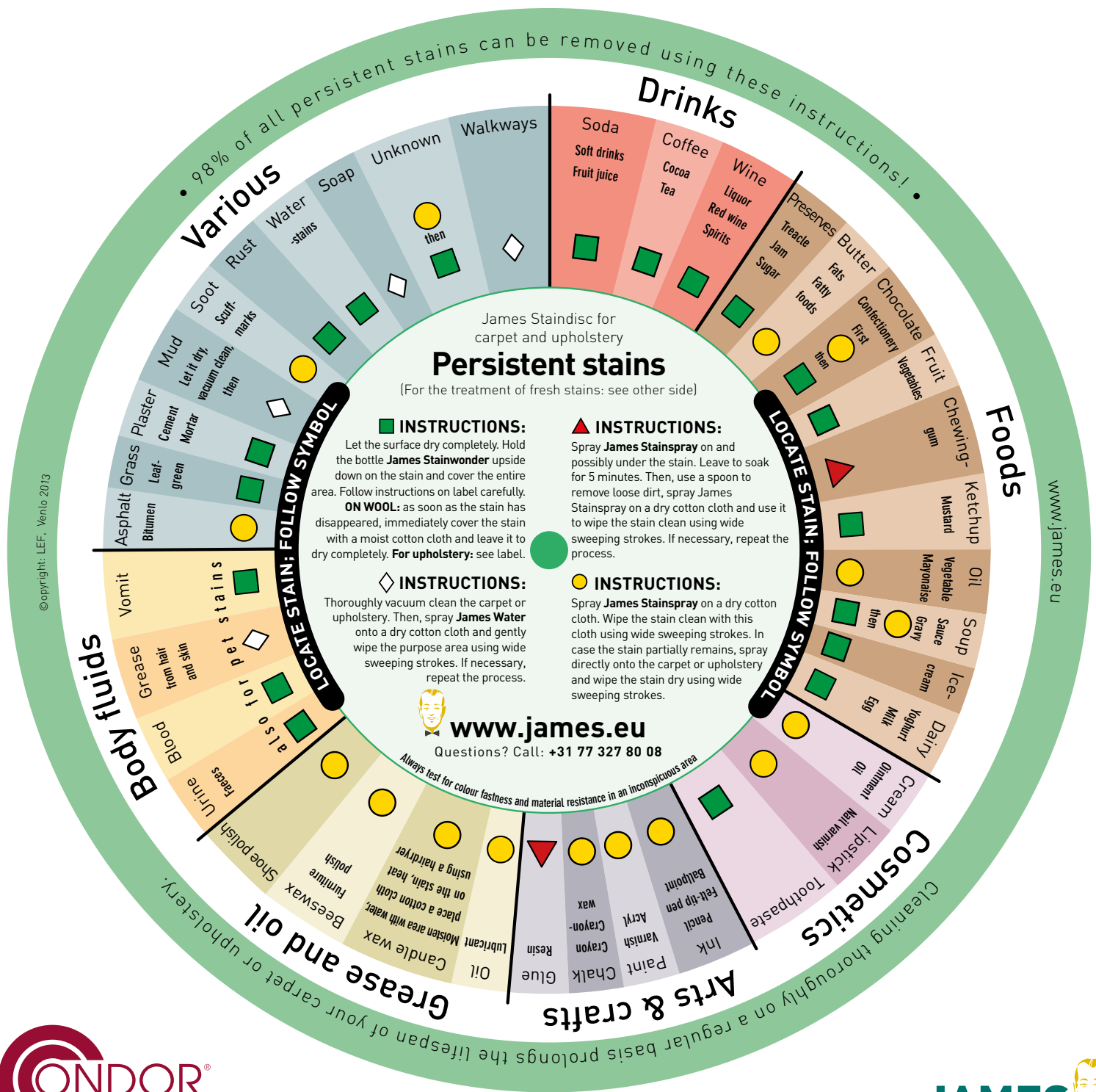
James Staindisc for persistent stains

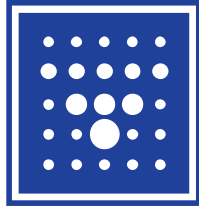
Below you can find the back side of the James Staindisc, here you can find the most common persistent stains. The Staindisc works as follows:

Step 1: Choose your category and the type of stain

Step 2: Look which symbol is mentioned and look for this symbol in the center of the Staindisc.

Step 3: Follow the exact instructions mentioned in the center of the Staindisc. For the complete instructions you should always consult the label of the product you should use. Is your stain not mentioned on the Staindisc? Please go to www.james.eu/en/stain-removal.





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FLOORCOVERINGS

Installation-instructions Carpet tiles (NV and Tuft)



member of the
CONDORgroup

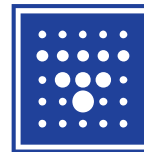


Table of contents

1. Preparation

1.1.	Material check	4
1.2.	Material storage	4
1.3.	Conditioning	4

2. Preparatory activities and required conditions

2.1	Underground	5
2.2	Underfloor	6

3. Preparatory activities

7

4. Installation

4.1.	Installation temperature	8
4.2.	Installation method	8
4.3.	Connection	9
4.4.	Cutting	9
4.5.	Gluing	9
4.6.	Installation method	10
4.7.	Alternative surfaces	11

5. Conductive installation

5.1.	Installation with conductive floor	12
5.2.	Installation without conductive floor	12

6. Finishing

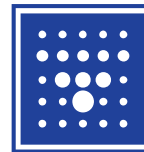
13

7. User application

14

8. Points of attention

8.1.	Load	15
8.2.	Installation FAQ's	15
8.3.	Conditions	15
8.4.	Support	15



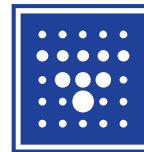
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Introduction

Congratulations!

Congratulations on your purchase of a product of the Condor Group! For an optimal result of the product we would like to inform you as to how your purchased product can be best installed.

With the publication of this installation instruction all previous instructions regarding the installation of carpet tiles expire.



1. Preparation

1.1 Checking the materials

Check the carpet prior to installation for possible manufacturing errors (such as errors in colour, construction, patterns, and dimensions), or transport damage. Products can show a limited squished effect as a result of packaging, storage, and transport. This effect will subside within a few hours when the fibres recover themselves. Material which comes from the Condor Group is delivered from one production batch with which colour correspondence is guaranteed. Nevertheless slight colour deviations cannot be fully excluded. In order to attain an even result it is necessary that, within a space, products of the same batch number will be installed in an ascending role number.

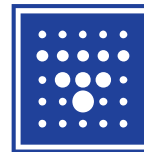
In case you still notice a mistake, contact your supplier before you proceed to further processing. It is not possible to accept complaints which could reasonably be noticed prior to installation.

1.2 Material storage

The correct storage of the material ensures that the installation properties are optimally preserved after installation. Therefore, always store carpet in a space which is cool and dry and in which the carpet is stored on an even foundation.

1.3 Conditioning

Prior to installation it is essential to acclimatize the carpet tiles and thereby let them adapt to the environment. For this the carpet tiles need to be unpacked on an even foundation, in the space where they will be laid, after which they have to acclimatise for at least 24 hours with a minimum temperature of 16 degrees Celsius.



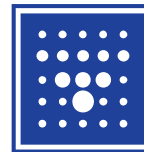
2. Preparatory activities and required circumstances

2.1 Foundation

The condition of the foundation determines to a large degree the look of your carpet. Carpet tiles from the Condor Group can be used for many applications provided that the foundation suffices. The Condor Group advises the use of a foundation which is based on the DIN 18 560 norm and the advice of the "Technische Kommission Bauklebstoffe im Industrieverband Klebstoffe e. V."

This means the foundation minimally must meet the following:

- (Permanent) moisture-free. Maximal humidity degree, measured according to DIN EN 13 813;
- 0.3% rubber polyolefine and floor heating;
- 0.5% with linoleum, vinyl, and central heating;
- 1% with permeable carpet;
- 2% with cement screeds;
- Have a good surface firmness. The coating needs to have good surface firmness so it can give good adhesion to the product which will be installed. The coating needs to be sufficiently thick and have good adhesion to the foundation. In case of mastic asphalt screeds the coating needs to be minimally 8 mm thick.
- Good shape retention. The foundation needs to have good shape retention in order to absorb tensions/ size changes, which can occur due to installation substances. In order to guarantee foundations with shape retention we advise the use of primers;
- Be free from cracks. In order to guarantee crack-free foundations we advise the use of primers; pay attention that in case of conductive floors this does not affect the conductive functioning.
- Even and smooth conform DIN 18202 "Toleranzen im Hochbau; Bauwerke"
- Even absorption power from foundation for adhesion of adhesives. The foundation needs to have an even absorption power in order to get an even adhesion in all places between the foundation and the product which will be installed. An even absorption power of the foundation can be attained by providing the foundation with a primer. Make sure that in the case of conductive floors this does not affect the conductive functioning.
- Clean (among other free from loose parts, grease, oils, and detergents).
- Free from old adhesives and other solvents. Old substances can react with new adhesives and the product. The foundation needs to be low in emission and meet the GEV-EMICODE "EC1" or even better meet the guidelines of the RAL-UZ 113 "Der Blauer Engel".
- Keep shrinking and expanding seams which influence the foundation.
- Limited height difference between floors. In case the height difference is large this needs to be smoothed.



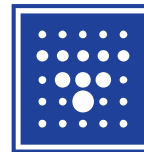
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- Resistant to tearing and external pressure
- Meet the requirement conform the DIN 18365 and the attached norms and documents
- The current national construction norms and guidelines;

In case shortcomings have been noticed in one or more of the aforementioned points, they need to be reported to the client so that the appropriate steps can be taken.

2.2 Sub-floor

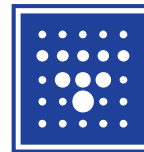
For installing carpet tiles, the use of sub-floors is not possible since its fireproof properties would be lost.



3. Preparatory activities

For installing carpet tiles aligning is essential. Determine the starting point or the central point of the space. It is important to never start installing carpet tiles against a wall. Draw two chalk lines which are perpendicular. The perpendicular angle of the two chalk lines is the starting point for installation. Ensure that the carpet tiles along the wall are not narrower than a quarter of the normal carpet tile width.

In case of office buildings, start with the hallway for a good connection.



4. Installation

Installing your carpet is an important job and we recommend you to let this be done by a recognised and professional upholsterer.

4.1 Installation temperature

During installation of the carpet tiles the installation temperature needs to be between 18 and 22 degrees Celsius, with humidity of 40-65%. The minimal temperature of the sub-floor needs to be 15 degrees Celsius, with a floor heating system this needs to be between 18 and 22 degrees Celsius. For an optimal result the space needs to meet these conditions minimum of 3 days prior the installation and a minimum of 7 days after installation. 48 hours after installation of the carpet tiles the space may gradually be returned to its original temperature, in steps of maximum 5 degrees Celsius per day.

Carpet tiles from the Condor Group are suited to process on sub-floors with floor heating. However, it is essential to turn off the floor heating system 48 hours prior to installation.

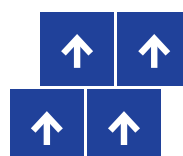
4.2 Installation method

For most carpet tiles there is a plethora of installation possibilities. Hereby, the arrow on the backside of the carpet tile indicates the length direction and this serves as an aide to install the carpet tile in the desired direction. Depending on the product there is a selection of the following installation possibilities:



Non-directional:

Carpet tiles are installed without a direction or position.



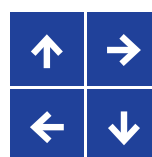
Brick:

carpet tiles are staggered to half of the carpet tile length so a brick effect is created.



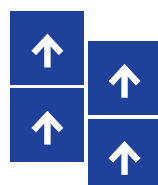
One direction:

Carpet tiles are installed in the same direction



Checkerboard:

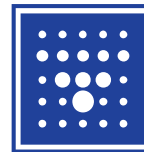
Carpet tiles are turned 90 degrees



Ashlar:

Carpet tiles are turned 90 degrees

The aforementioned installation methods are also possible in a diagonal position. Diagonal installation results are larger waste from slicing than the aforementioned installation methods.

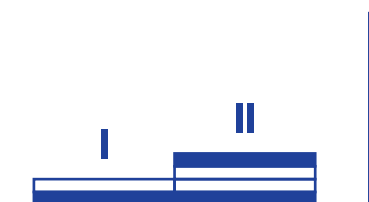


4.3 Joining

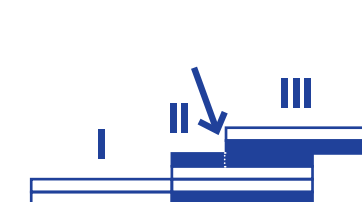
During connection of the carpet tiles it is important that the fibres/threads do not get trapped between the carpet tiles. If necessary the fibres/threads can be brushed before connecting the carpet tiles to each other. Make sure the carpet tiles are not pressed to firm against each other in order to prevent bulb formation.

4.4 Cutting

For cutting the (border) carpet tiles, the carpet tile needs to be cut from the back, through the backing.



Lay carpet tile "II" on the last complete carpet tile with the backside up



Place carpet tile "III" on top of carpet tile "II" whereby carpet tile "III" lays against the side of the space. Then incise carpet tile "II" along the side of carpet tile "III" (which serve as a ruler).



Lay the cut carpet tile "II" in the space in between.

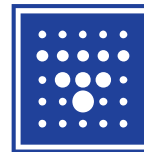
4.5 Gluing

The best result will be attained in installing carpet tiles if spaces are completely glued. By complete gluing the form retention of the carpet tile is optimally used and gaps will be limited to a minimum.

The alternative for complete gluing is gluing around the sides and obstacles. Partial gluing, however, can result in limited gaps between tiles. The cut tiles need to be glued at all times.

There are various kinds of adhesives which are suited for connection carpets. Personal advice from a glue specialist or glue manufacturer is essential for the use of a suitable adhesive.

The use of adhesives can influence the odour development of the needle felt carpet after this has been installed. In addition, to limit odour development, you need to use adhesives with are low in emission and are provided with a GEV-EMICODE "EC1" classification, or even better, meet the guidelines conform the RAL-UZ 113 "Der Blauer Engel". In addition, the low emission adhesives need to be free from natural resin and solvents.



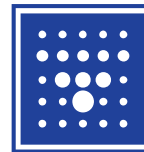
When gluing the needle felt carpet you need to use water based dispersion adhesives with a gluing power of at least 2N/mm² (gluing power can be tested conform DIN EN 14293).

Besides the use of dispersion adhesives it is possible to use steady adhesives, such as tape. Steady adhesives are applied in lines on the sub-floor/foundation. The main advantage of the use of steady adhesives is that the carpet is immediately chargeable after installation. Personal advice from a glue manufacturer is essential for the use of steady adhesives.

Adhesives need to be applied in accordance with the provisions of the manufacturer and the applying health and safety norms. Consult the attached safety sheet of your adhesive manufacturer for each adhesive prior to use.

4.6 Installation method

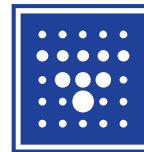
1. You need to start with the installation of carpet tiles from the point where the drawn chalk lines cross.
2. Apply the glue which is at room temperature (between 18 and 22 degrees) with a TKB B2/B3 glue comb on the surface. Consult your adhesive manufacturer for the suitable quantity of adhesive for your situation.
3. Then work from the chalk lines to the outer side while installing. First glue the recently cut parts.
4. After the carpet has been installed, move a carpet roller (with a pressing weight of minimum 50 kg) over the carpet in order to attain a good adhesion between the carpet and the foundation, starting with rolling in the width direction, working from the central outwards. It is important to check whether no air is trapped between the foundation and the installed carpet.
5. After approx. 30 minutes repeat pressing the carpet roller again. Pay special attention to properly pressing the cut parts. Do this with the carpet roller and not with other means of pressure.
6. After approx. 60 minutes an inspection needs to be performed to verify whether the end result has been installed according to plan.
7. After the carpet has been installed and glued it cannot be covered for a minimum of 24 hours since the glue needs to dry.
8. Minimally 24 hours after installing the carpet it needs to be protected against dirt in case complementary activities need to be performed in the space.



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4.7 Alternative surfaces

Carpet tiles can be applied to alternative surfaces such as stairs, provided that they meet requirements as described in chapter 2. The carpet tiles and carpet tile pieces need to be glued in which the glue is applied to conform to the recommendations of the manufacturer. Consult your installer for all the possibilities with carpet tiles and for the optimal method of installation and connection.



5. Conductive installation

The installation of conductive carpet tiles can be installed on a conductive system by which the carpet tiles become part of the complementary protective measures for electricity, functioning by means of equipotential connection. In spaces where professional regulations for conduction do not apply, you can use neutral conductors. Conductive carpet tiles are earthed by a professional mechanic/specialist. In spaces with conductive systems the NEN 1010 guidelines apply.

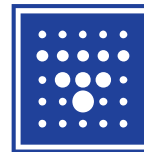
In order to connect conductive carpet tiles with the ground surface it is important that the adhesives (such as glue and anti-slip coating) have a conductive function and thereby do not have a negative effect on the conduction of your carpet tiles.

5.1 Installation with a conductive floor

In case the foundation has been provided with conduction, conform the provisions of the manufacturer, it suffices to place minimally 1 metre of copper tape on the connection points on the foundation. In spaces of <30 m² you need minimally 2 connection points. Multiple connection points are required if there are larger spaces. The number of connection points is determined in that the maximum distance of the connection points never can be more than 10 metres from each other. Connecting the connection points to the ground fault network needs to be done by a recognized installation agency.

5.2 Installation without a conductive floor

In case the foundation has not been provided with a full conduction, the use of copper tape is required to make a proper conductive foundation. In doing this, the copper tape is applied over the full length and uninterrupted under each carpet tile. At the end of the row of carpet tiles the copper tape needs to be crossed by another line of copper tape. Every surface may be maximally 30 m² and have a connection point which then is connected to the ground fault network, In spaces of <30 m² you need at least 2 connection points. Connecting the connection points to the ground fault network needs to be done by a recognised installation agency.

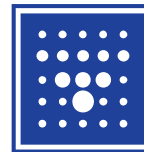


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6. Finishing

In order to prevent possible moving and/or damaging you need to apply a transition strip between the carpet tiles and other floor covering.

After the carpet tiles have been installed a minimum of 24 hours without charge needs to be respected in order to prevent damage and/or movement. Direct sunlight, radiation from heat sources, or strong air circulation on the carpet tiles immediately after installation need to be prevented as well.



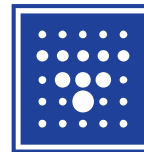
7. User application

Carpet tiles from the Condor Group have been developed to be used in environments with room temperatures mostly in combination with temperature and humidity regulating systems.

Main points of attention are:

- The environment temperature is between 18 to circa 23 degrees Celsius.
- The desired humidity degree in spaces for carpet is between 40% and 70% humidity (ideally between 50 and 65%).
With a humidity of <40% shrinkage or unwanted carpet tile tension can occur. Aside from that, humidity which is too low has an effect on the electrostatic charge of the carpet tile (mostly in case the humidity is <50%). In case of humidity of >70%, the carpet tile may expand.

In environments where the aforementioned tolerances cannot be guaranteed, we advise you to perform a glue test and to inform the customer on the risks of this situation.



8. Points of attention

8.1 Charge

For the use of desk chairs with wheels it is required to use type H wheels conform EN 12529 (hard wheels with the provided wheel diameter). However, we advise as regards (local) heavy objects (such as desk chairs) to use synthetic floor mats in order to prevent wearing and/or damage.

8.2 Installation FAQ

After installing the carpet tiles many things you notice might raise questions which can be clarified beforehand:

- Some fibres spring from the carpet. It is possible that some fibres spring from the carpet. These can be cut without negative consequences/effects.
- It seems there is a colour difference between the carpet tiles: A part of the carpet tiles might have a deviating colour direction, which gives the optical illusion of colour difference. This is oftentimes not a colour difference but a difference in colour direction which is a property of carpet.
- There are various fibres and fluffs on the carpet: After installing carpet tile excess fibre material can get loose. This will decrease after a number of times of vacuum cleaning.
- After installing folds become visible in the carpet: in case imperfections/swellings occur in your carpet tile floor, please contact your installer.

8.3 Conditions

During the installation it is essential to check the end result. After a maximum of 100 m² has been installed a proper product evaluation can be performed. In case you find any deviation compared to the product specifications, you need to inform the Condor Group and enable them to take action before proceeding with the installation.

Not following this installation instruction and the herein described user application may lead to the invalidation of the guarantee on the product. The Condor Group is not responsible for damage and/or errors which occur due to deviation of the installation instructions.

8.4 Support

This installation provision can be found digitally on our website at www.condor-group.eu/downloads. Aside from this installation provision we offer you complementary support by giving maintenance advice for carpets. The maintenance advice can be found at www.condor-group.eu/downloads. If you have any questions or would like to obtain more information, you can contact your installer or the Condor Group. We can be reached via the contact form at www.condor-group.eu/contact.



Installation instructions

Tufted carpet



Table of contents

1. Preparation

1.1	Material check	4
1.2	Material storage	4
1.3	Conditioning	4

2. Preparatory work and required conditions

2.1	Foundation	5
2.2	Sub-floor	6

3. Installation

3.1	Installation temperature	7
3.2	Installation method	7
	3.2.1 Stretching	
	3.2.2 Gluing	
3.3	Pile direction	9
3.4	Connection	9
3.5	Seams and cutting	10
3.6	Alternative surfaces	10

4. Finishing

5. User application

6. Points of attention

6.1	Load	13
6.2	Installation FAQ's	13
6.3	Conditions	13
6.4	Support	13

Introduction

Congratulations!

Congratulations on your purchase of a product from the Condor Group! For an optimal result from the product we would like to inform you how your product can be best installed.

For carpets with a vinyl backing, we refer you to the special installation instruction, which can be obtained at www.condor-group.eu/downloads.

With the publication of this installation instruction, any previous instructions regarding the installation of tufted carpet expire.

1. Preparation

1.1 Material check

Check the carpet prior to installation for possible manufacturing errors (such as errors in colour, construction, patterns, and dimensions), or any transport damage. Products can show a limited shading effect as a result of packaging, storage, and transport. This effect will subside within a few hours when the fibres recover. Material which comes from the Condor Group is delivered from one production batch with which colour correspondence is guaranteed. Nevertheless, slight colour deviations cannot be fully excluded. In order to attain an even result, it is necessary that, within a space, products of the same batch number be installed in an ascending roll number.

In case you still notice any errors, contact your supplier before you proceed. Condor will not accept any complaints which could have reasonably been noticed prior to installation.

1.2 Material storage

The correct storage of the material will ensure that the installation properties are optimally preserved. Therefore always store carpet in a space which is cool and dry and in which the carpet is stored on an even foundation.

1.3 Conditioning

Prior to installation it is essential to acclimatise the carpet tiles and thereby let them adapt to the environment. For this, the carpet tiles need to be unpacked on an even surface, in the space where they will be laid, after which they have to acclimatise for at least 24 hours with a minimum temperature of 16 degrees Celsius.

2. Preparatory activities and required conditions

2.1 Foundation

The condition of the surface will determine to a large degree the look of your carpet. Carpets from the Condor Group can be used for many applications provided the surface is suitable. The Condor Group advises a surface which is based on the DIN 18 560-norm and the advice of the "Technische Kommission Bauklebstoffe im Industrieverband Klebstoffe e.V." .

This means that the surface needs to meet the following:

- (Permanent) moisture-free. Maximum humidity degree, measured according to DIN EN 13 813.
- 0.3% floor heating.
- 2% with cement screeds.
- Have a good surface firmness. The coating needs to have good surface firmness so it can give good adhesion to the product which will be installed. The coating needs to be sufficiently thick and have a good adhesion in the foundation. In case of mastic asphalt screeds the coating needs to be minimally 8 mm thick.
- Good shape retention, the foundation needs to have good shape retention in order to absorb tensions/ size changes, which can occur due to installation substances. In order to guarantee foundations with shape retention we advise the use of primers.
- Be free from cracks. In order to guarantee crack-free foundations we advise the use of primers; pay attention that in case of conductive floors this does not affect the conductive functioning.
- Even and smooth conform to DIN 18202 "Toleranzen im Hochbau; Bauwerke".
- Even absorption power from foundation for adhesion of adhesives. The foundation needs to have an even absorption power in order to get an even adhesion in all places between the foundation and the product which will be installed. An even absorption power of the foundation can be attained by providing the foundation with a primer. Make sure that in the case of conductive floors this does not affect the conductive functioning.
- Clean (free from loose parts, grease, oils, and detergents).
- Free from old adhesives and other solvents. Old substances can react with new adhesives and the product. The foundation needs to be low in emission and meet the GEV-EMICODE "EC1" or even better meet the guidelines of the RAL-UZ 113 "Der Blauer Engel".
- Keep shrinking and expanding seams which influence the foundation.
- Limited height difference between floors. In case the height difference is large this needs to be smoothed.
- Tear and pressure resistant.

- Meet the requirements according to the DIN 18365 and the attached norms and documents,
- The current national norms and guidelines;

In case shortcomings have been noticed in one or more of the aforementioned points, these need to be reported to the client so appropriate steps.

2.2 Foundation

The use of sub-floors is recommended for room wide tuft carpets. Sub-floors give the carpet a longer lifespan, a complementary attenuation, and improved isolating function. Keep in mind that the use of sub-floors can have a negative effect on the fireproof properties of your floor.

In case of under floor heating, we advise you to not use sub-floors since there the sub-floor less through less heat.

Keep the following things in mind for the use of sub-floors:

- Sub-floors need to be attached to the foundation
- In case of gluing as an installation method: The carpet needs to be able to be glued to the foundation for sure (should not be repellent). We recommend for you to always perform a glue test. Keep in mind that the absorption power of the floor changes with the use of sub-floors.
- The sub-floor needs to be clean from solvents which could possibly have a negative effect on the carpet
- It is essential to ensure that the sub-floor will not have negative effects to the floor as a whole in regard to moist repellency and condensation properties.
- The sub-floor may not degrade the mechanic properties of the carpet (charge of rolling and swivel castors, pressure on the carpet, etc.).
- In case of conductive floors this should not reduce the conductive function.

In case shortcomings have been found on one or more of the aforementioned points, you should inform the client of this so that the appropriate steps can be taken.

3. Installation

Installing your carpet is an important job and we recommend you use a recognised and professional installer. It is important that the carpet is cut before installing/gluing it.

3.1 Installation temperature

During installation of the carpet tiles the installation temperature needs to be between 18 and 22 degrees Celsius, with a humidity of 40-65%. The minimal temperature of the sub-floor needs to be 15 degrees Celsius, with a floor heating system this needs to be between 18 and 22 degrees Celsius. For an optimal result the space needs to meet these conditions minimum 3 days prior to installation and minimum 7 days after installation. 48 hours after installation of the carpet tiles the space may gradually be returned to its original temperature, in steps of maximum 5 degrees Celsius per day.

Carpet tiles from the Condor Group are suited to be installed on sub-floors with under floor heating. However it is essential to turn off the floor heating system 48 hours prior to installation.

3.2 Installation method

Tufted products of the Condor Group can be both glued and stretched. In order to attain the best quality, stretching is preferable. Stretching the product enhances the carpet optically, gives more walking comfort, and thermic/acoustic properties.

3.2.1 Stretching

1. In order to be able to stretch the carpet, tack strips will be applied around all edges or carpet disruptions. The tack strips will be applied with the tack points faced to the non-carpet part (such as a wall, pillar, or other disruption). Depending on the foundation the tack strips can be used with nails so these will be hit in the foundation. We advise you to also glue the tack strips in every situation.
2. Any underlay is applied within the nail strips and connected at the ends / edges with the subfloor (by bonding).
3. The carpet needs to be installed circa 5cm over the plinth on both sides.
4. With stretching you work from a corner. With stretching you use a tube and knee stretcher. First you stretch the long side and then the side which is perpendicular on this. Then cut the carpet at the desired length and neatly finish against the wall/border. Use a spatula to attach the carpet behind the spandrels.
5. Seams need to be welded together with thermoplastic seam strip which will be activated to stick by a welding machine. Bulb formation can be prevented by immediately covering the seam after welding.
6. After installing the carpet needs to be protected against dirt in case additional activities will be performed in the space.

3.2.2 Glued

When the carpet is glued on carpet underlay, the carpet needs to be installed perpendicular on the installation direction of the possible carpet underlay.

If the carpet will be glued without carpet underlay to the sub-floor, it suffices to glue minimum of 10 cm around the carpet in surfaces of <25 m². In case of larger spaces, use for projects, or for contact purposes you will need to glue completely.

Choice of glue

There are various kinds of adhesives which are suited for connection carpets. Personal advice from a glue specialist or glue manufacturer is essential for use of a suited adhesive.

The use of adhesives can influence the odour development of the needle felt carpet after this has been installed. Also to limit odour development, you need to use adhesives which are low in emission and are provided with a GEV-EMICODE "EC1", or even better, meet the guidelines conform to the RAL-UZ 113 "Der Blauer Engel". Aside from that the low emission adhesives need to be free from natural resin and solvents.

When gluing the needle felt carpet you need to use water based dispersion adhesives with a gluing power of at least 2N/mm² (gluing power can be tested conform DIN EN 14293).

Aside from the use of dispersion adhesives it is possible to use steady adhesives, such as tape. Steady adhesives are applied in lines on the sub-floor/foundation. The main advantage of the use of steady adhesives is that the carpet is immediately chargeable after installation. Personal advice from a glue manufacturer is essential for the use of steady adhesives.

Adhesives need to be applied in accordance with the provisions of the manufacturer and the applicable health and safety regulations. Consult the attached safety sheet of your adhesive manufacturer for each adhesive prior to use.

Installation method

1. Starting with the installation of the carpet the carpet track needs to be laid back to the middle so you can start from the middle.
2. Apply the glue which is at room temperature (between 18 and 22 degrees Celsius) on the surface using a glue comb. Consult your adhesive manufacturer for the suitable quantity of adhesive and the suitable toothing of the glue comb for your situation.
3. While installing, work from the middle towards the outside. First glue the recently cut parts.
4. After the carpet has been installed, move a carpet roller (with a pressure weight of minimum 50 kg) over the carpet to ensure a good adhesion between the carpet and the foundation, starting with rolling in the width. It is important that there is no air between the foundation and the installed carpet.
5. After approx. 30 minutes of pressing with the carpet roller, repeat again. Special attention goes to properly rolling seams. Do this with the carpet roller and not with other pressure means.
6. After approx. 60 minutes a special inspection needs to be performed in order to verify whether the end result has been installed to satisfaction.
7. After the carpet has been installed and glued it needs to be left uncovered for at least 24 hours since the glue has to dry.
8. For a minimum 24 hours after installing, the carpet needs to be protected against any dirt, if any complementary activities will be done in the space.

3.3 Pile direction

Normally an installation direction is chosen from where you look from a door post into the pile. Make sure that in case of multiple carpet stretches the pile lies in the same direction.

3.4 Connection

During connection of the two borders it is essential that threads do not get stuck between the borders because this creates seams. If necessary the threads can be brushed back before connecting them to the edges. Make sure the carpets are not pressed to firmly against each other in order to prevent bulb formation. Possible correction of the seam can be done with a double head stretcher or knee stretcher.

3.5 Seams and Cutting

For cutting carpets a distinction needs to be made between cut piles and straight tufted loop piles.

Cut pile: For cutting carpets the carpet needs to be installed over each other and be cut simultaneously using a carpet knife.

Straight tufted loop piles: In case of carpet with a pattern and straight tufted loop piles the carpets need to be cut separately with a carpet edge cutter. Then, use pile scissors to clip cut loops.

3.6 Seams and cutting

Tuft carpets can be used on various surfaces provided they meet the requirements as described in chapter 2. Consult your installer for the possibilities and the optimal installation and joining methods.

4. Finishing

In order to prevent possible moving and/or damaging you need to apply a transition strip between the carpet and other floor covering.

After the carpet has been installed, a minimum of 24 hours without charge needs to be respected in order to prevent damaging and/or movement. Direct sunlight, radiation from heat sources or strong air circulation on the carpet tiles immediately after installation needs to be prevented also.

5. User application

Carpets of the Condor Group have been developed to be used in environments with room temperatures, mostly in combination with temperature and humidity regulating systems.

- The environment temperature is between 18 to circa 23 degrees Celsius.
- The desired humidity in spaces for carpet is between 40% and 70% humidity (ideally between 50 and 65%). With a humidity of <40% shrinkage or undesired carpet tension. Aside from that a low humidity has an effect on the electrostatic charging of synthetic carpet (mostly in case humidity is <50%). If the humidity is >70% than the carpet can expand.

In environments where the aforementioned tolerances cannot be guaranteed, we advise you to perform a glue test and to inform the client on the risks of this situation.

6. Points of attention

6.1 Charge

For the use of desk chairs with wheels it is required to use type H wheels that conform to EN 12529 (hard wheels with the provided wheel diameter). However, we advise as regards (local) heavy objects (such as desk chairs) to use synthetic floor mats in order to prevent wear and/or damage.

6.2 Installation FAQ

After installing the carpet many things you notice might raise questions which can be clarified beforehand:

- Some fibres spring from the carpet. It is possible that some fibres spring from the carpet. These can be cut without negative consequences/effects.
- It seems there is a colour difference between the carpet tiles: A part of the carpet tiles might have a deviating colour direction, which gives the optical illusion of colour difference. This is not a colour difference but a difference in colour direction which is a property of carpet.
- There are various fibres and fluffs on the carpet: After installing carpet tile excess fibre material can get loose. This will get less after a number of times of vacuum cleaning.
- After installing folds become visible in the carpet: in case imperfections/swellings occur in your carpet tile floor, please contact your installer. The carpet will possibly have to be stretched or glued again.

6.3 Conditions

During the installation it is essential to check the end result. After a maximum of 100m² has been installed a proper product evaluation can be performed. In case you find any deviation compared to the product specifications, you need to inform the Condor Group and enable them to take action before proceeding with the installation.

Not following this installation instruction and the herein described user application may lead to expiration of the guarantee on the product. The Condor Group is not responsible for damage and/or errors which occur due to deviation from the installation instructions.

6.4 Support

This installation provision can be found digitally on our website at www.condor-group.eu/downloads. Aside from this installation provision, we offer you complementary support by giving maintenance advice for carpets. The maintenance advice can be found at www.condor-group.eu/downloads. If you have complementary questions or would like to obtain more information, you can contact your installer or the Condor Group. We can be reached via the contact form at www.condor-group.eu/contact

CERTIFICATE



Simply Excellent.

On the basis of the contract on the use of the environmental label no. 32467 based on DE-UZ 128 Edition 2016

Condor Carpets B.V. 8061 RW Hasselt, Niederlande

is granted the right to use the Blue Angel Ecolabel shown below for the product

Condor Group PES-151

as a sign of special
environmental friendliness



Bonn, 4 September 2018

A handwritten signature in black ink that reads 'R. Wollmann'.

Managing Director
RAL gGmbH



Bundesministerium
für Umwelt, Naturschutz,
Bau und Reaktorsicherheit



CERTIFICATE



Simply Excellent.

On the basis of the contract on the use of the environmental label no. 32469 based on DE-UZ 128 Edition 2016

Condor Carpets B.V. 8061 RW Hasselt, Niederlande

is granted the right to use the Blue Angel Ecolabel shown below for the product

Condor Group PP-131

as a sign of special
environmental friendliness



Bonn, 4 September 2018

A handwritten signature in black ink, reading 'R. Wollmann'.

Managing Director
RAL gGmbH



Bundesministerium
für Umwelt, Naturschutz,
Bau und Reaktorsicherheit



CERTIFICATE



Simply Excellent.

On the basis of the contract on the use of the environmental label no. 32465 based on DE-UZ 128 Edition 2016

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Condor Group PA6-111-FS

as a sign of special
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Bonn, 4 September 2018

A handwritten signature in black ink that reads 'R. Wollmann'.

Managing Director
RAL gGmbH



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für Umwelt, Naturschutz,
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