

OBJECT CARPET

CARPET DELIVERY AND STORAGE

To avoid damage at the point of delivery the carpet should be off-loaded from our delivery trucks using a fork lift truck with an attached carpet boom measuring 4m and with a minimum diameter of 60mm. Under no circumstances should a standard fork lift truck be used to move the rolls, as this may result in internal or external damage or pattern distortion.

Should the carpet need to be stored for more than 48 HOURS we RECOMMEND that each roll is laid flat and regularly turned to avoid pile crush. Pile crush is not a manufacturing defect; it is the result of transportation, AND/OR extended or improper storage.

Prior to installation the rolls should be unpacked and completely rolled out to ACCLIMATISE on site for a minimum of 48 hours. During winter months we would recommend increasing the time to 72 hours. During this acclimatisation period the temperature within the building should be between 19 and 21 degrees Celsius and the humidity should not exceed 65 percent. The building to receive the carpet should be enclosed and heated or cooled to ensure these conditions ARE MET.

OBJECT CARPET

Installation Guide for Woven and Tufted Wall-to-Wall Carpets by OBJECT CARPET

Inspection of Subfloor

Responsibility for checking and preparing the subfloor lies with the contractor. The provisions of the German Construction Contract Procedures (VOB) DIN 18 365 Part C apply in this respect.

Of major concern, in this regard, are

- sloping or pock-marked subfloors
- cracks in the subfloor surface
- subfloors which are not dry enough
- subfloor surfaces which are not firm enough
- subfloor surfaces which are too porous and rough
- discrepancies between the level of the subfloor and the level of the adjacent building parts
- the fact that an insulating underlay has been installed

Pre-treatment of Subfloor

Subfloors must meet the verification criteria of DIN 18 365. They must also be clean, permanently dry, free of cracks, all separating agents as well as tension- and compression-proof. Make sure to remove all cement grout from the cement floor by making use of suitable machinery.

Proceed similarly on anhydrite and/or anhydrite self-levelling flow screeds, where it will become necessary under the standards of the BEB information-sheet that the screed surfaces be scrubbed, whetted and vacuumed. Pre-coat and/or prime all screeds which have been processed in a good and workmanlike manner with a pre-coating and/or coating agent suited for the respective needs. In a next step apply at least 2 mm of a suitable levelling compound.

Inspection of Wall-to-Wall Carpet

Make sure your wall-to-wall carpet by Object Carpet is uniform in its colours, in its patterns and is free of any fault or defect before you start cutting. General production-induced tolerances must not be found fault with (i.e. colour bleed of a batch compared with sample according to the grey scale DIN EN 20105-AO2 >grade 3). Conduct of such inspection is mandatory under the provisions of Section 13 of the German Construction Contract Procedures DIN 18 365 ATV Part C. We kindly ask for your understanding that no further claims will be recognised once the carpet has been cut.

Laying Direction and Panel Cutting

Carpet panels normally face towards the main bank of windows. However, the contractor is free to lay the carpet at his/her discretion taking into account the carpet width and the least amount of cutting waste to be produced, unless otherwise agreed upon in the specification of services.

OBJECT CARPET

Pattern and pile of the carpet panels to be installed in one room must run in the same direction. Cut work edges one by one and make cut panel edges butt against each one. When cutting the panels longitudinally, make sure to make the production outer edges butt one another.

Seam Processing

The majority of qualities by OBJECT CARPET must be cut between the pile row. Although this method is much more challenging for the floor layer in terms of his craftsman's skills, this panel cutting method will bring about the best results in view of the visibility of the seam. Please refer to the list of individual qualities at the end of this guide for alternative modi operandi.

A clamping device is needed to install repeat pattern carpeting. Wall-to-wall carpets are tensile textile surface structures which may distort due to their specific nature. The floor layer will have to stretch the distortions in such way that the patterns match up using any tool suitable for this purpose (double head stretcher). However, minor deviations cannot be ruled out altogether and must therefore be accepted. Please refer to paragraph 3.4.5 of the German Construction Contract Procedures 183 65 Part C floor covering for further details on the deviations which must reasonably be accepted by a floor layer upon delivery of any repeat pattern carpeting. Repeat patterns must not be distorted by more than 0.35 per cent under these requirements. This means that repeat pattern distortions of up to 3.5 cm are permissible within any panel of 10 m length.

In case several panels need to be installed in one room, make sure to install roll numbers in consecutive order, i.e. 1001 A - - 1001 B - - 1001 C etc. side by side so as to avoid colour inconsistency.

Small-patterned designs may produce zipper effects which may even show if the installation has been carried out in a workmanlike effort in line with state-of-the-art techniques. This property is considered typical for this type of merchandise. Pursuant to paragraph 3.4.6 of the German Construction Contract Procedures Part C, DIN 18365, such irregularities in the repeat pattern which show in the seam area reflect the current state of the art in the industry and must therefore be accepted by the principal. This effect is mainly influenced by the size of the pattern. The smaller the repeat pattern, the less it must and/or can be considered. This zipper effect will be more visible the more contrasting the pattern is.

Longitudinal repeat pattern distortions may occur in any patterned quality (i.e. LOTIS, LOTIS LINE, etc.). The effect in question is referred to as zipper effect which is considered typical for this type of merchandise. It can only be corrected by stretching to a certain extent.

Head Seams

Doors are normally considered as borderline of a room unit. Head seams are permissible in carpet panels measuring more than 5 m only. However, you must not have one head seam after another at a distance of 5 m from one another. Piecing together carpet panels is not permissible either.

OBJECT CARPET

Glueing

In rooms not exposed to excessive use up to 20 m² of carpet may be installed loosely. To meet any of the guaranteed properties, glue carpet over the entire surface area using a solvent-free (D1) extremely low-emitting (EC1) dispersion adhesive which best suits the needs of the specific construction project. Comply with processing guidelines of the adhesive manufacturer in terms of spread rate and trowel notch size.

Quality **WEB RIPS TWO** must only be glued using any of the following adhesives: Wulff Multi Coll, Uzin UZ 57, Schönox Tex Objekt and Thomsit T 410.

Use a trowel notch B1 to spread adhesive when installing the qualities **WEB CHAIN** and **WEB POINT**. In so doing, make sure to comply with the adhesive manufacturer's specifications as to airing time before the carpet is laid into adhesive bed to prevent the adhesive from going through.

Carpeting and Floor Heating

All wall-to-wall carpets by Object Carpet have been designed to allow for the use a floor heating in any case. Various heating manufacturers indicate the prevailing threshold value to be 0.15 K*m²/W. The value of any carpet by Object Carpet is clearly below this value.

Conductive Laying

Data centers and rooms exposed to extreme conditions often require conductive laying. Any wall-to-wall carpet by Object Carpet made from 100 % polyamide with carbon fibre or a conductive latex backing or a synthetic second backing may be installed with characteristics of conductivity.

For conductivity purposes, a copper strip measuring 1.5 m is applied using an equipotential bonding every 30 m², leaving 0.5 m unglued to serve as connection to the equipotential equalisation (going to ground). All connection works must be accomplished by an electrician in compliance with the VDE standards.

The wall-to-wall carpet will be adhered over the entire surface of the pre-treated subfloor using a fair electronically-conductive dispersion bonding. Comply with the glue manufacturer's processing guidelines in terms of spread rate and trowel notch.

Stretching on Elastic Underlay

Any wall-to-wall carpet by OBJECT CARPET is stretchable due to its elastic nature.

Carpet stretching involving an elastic underlay (Object Carpet Underfloor) will bring about significant enhancements in step cushioning, sound absorption and heat insulation. And it normally will prolong the service life of any carpet by 30 - 50 %.

OBJECT CARPET

The stretching method may in principle be applied to any type of underfloor. Smoothedge carpet grippers will be nailed, screwed or glued along the wall. The distance between the smoothedge carpet gripper and the wall should be the equivalent of two thirds of the carpet thickness. An elastic underlay (underfloor) is used to make up for the difference in level between the smoothedge carpet gripper and the underfloor.

Once the carpet panels have been brought into line, start cutting the seam and customize the individual carpet panels (connection) by means of a seaming tape during a hot melt composition procedure using a suitable seaming iron. The underfloor must always be installed at an angle of 90 degrees to the wall-to-wall carpet.

Seam Cutting of ACCOR, COTTON LOOK, PEARL, SILVER/GOLD LOOP and SPRINGLES

Any loop tufted carpet will normally be cut on the upper side between the rows of carpet tufts with a hook knife. Tufts in our articles ACCOR, COTTON LOOK and PEARL are set off to one another by a full stitch length. Seams are cut on the back side along a steel ruler with a trapezoid blade. Edges may also be cut using a strip cutter as is used for cutting skirting boards. However, you must not cut more than one panel edge at one time. In a next step, when placing the carpet panels on the adhesive, make sure the seam edges butt close against each other. Cut off any damaged tuft using a pair of pile scissors.

Seam Cutting of POODLE, FLASH, SHELTY, SHINY and TOSH

Installation of our shag qualities will require your special attention in terms of seam cutting.

Seams of all qualities must be cut on the back side between the pile rows using a hook knife. Seam cutting on the upper side surely is possible, but not recommended as it implies that the pile ends will be cut off which will make the seam more likely to become visible upon completion of the installation.

It is strongly recommended that the cutting edge be masked with a traditional crepe tape to prevent the pile from sliding into the adhesive bed. Remove crepe tape once seam has been placed. Only by proceeding in this way will you be able to produce an almost invisible seam.

Seam Cutting of SILVER/GOLD CHAIN – LOOP

Cut seams of SILVER/GOLD CHAIN on the upper side between the rows of carpet tufts using either a hook blade or a loop pile carpet cutter (**Mittag-Schneider**).

Cut seams of SILVER/GOLD – LOOP either on the back side between the pile rows using a hook knife or on the upper side using a strip cutter as is also used for cutting skirting boards.

OBJECT CARPET

Seam Cutting of BLACK ART / TUTTI FRUTTI / SILVER/GOLD CHAIN / WEB CLASSICS / WEB ART / WEB RIPS TWO

As a matter of principle, cut seams on the upper side between the row of tufts using a loop pile carpet cutter (**Mittag- Schneider**) (**WEB RIPS TWO** may also be cut with a hook knife). The so-called linking threads must not be truncated/cut off or removed. We recommend using a cold welding agent (Messrs Müller type A) to lock tufts in place in the head seams. It is also recommended that you correct the pattern repeat using a knee kicker or double head stretcher.

Seam Cutting of WEB RIPS ONE

Lay carpet panels in such way that they overlap by approximately 3 cm. Glue first panel up to a point approximately 50 cm from the seam. In a next step make seam by making use of the double-cutting method with a sharp, straight trapezoid knife along a steel rail. In so doing, the two seam edges will perfectly fit into one another and can be glued. Thereafter, glue second panel and roll down with a roll.

Seam Cutting of BOUCLÉ and JACQUARD

Cut seams of articles BOUCLÉ and JACQUARD between the pile rows using the **SEAM CUTTER ACRYL No. 10153** from Messrs Roberts. Minor distortions, if any, will be made up for with a knee kicker or double head stretcher.

Seam Cutting FISHBONE and PYTHON

Cut seam of qualities FISHBONE and PYTHON on the upper side by making use of a steel ruler and a trapezoid knife. When having laid the seam, cut off all damaged, protruding loops with a pair of pile scissors.

Seam Cutting of BOW LOOP / HIGH LOW

Make sure to cut the quality HIGH LOW between the row of the high loops using a seam cutter (Mittagschneider).

OBJECT CARPET

Adhesive Recommendations

Manufacturer

Adhesive Description

WULFF GmbH u. Co. KG
Wersener Straße 3
49504 Lotte
Phone +49 5404 881-0

Multi-Coll

Henkel Bautechnik GmbH
Erkrather Str. 230
40233 Düsseldorf
Phone +49 211 7379-0

T 410 Aquatack®, T 440 Aquatack®,
T 490 Easy Tex, T 412 Aquatack® conductive

Kiesel Bauchemie GmbH u. Co. KG
73708 Esslingen
Phone +49 711 93134-0

Okatmos ET 6, Okatmos megaStar
Conductive Carpet Glue Okatmos ET 6 L

UZIN UTZ AG
Dieselstraße. 3
89079 Ulm
Phone +49 731 4097-0

UZIN UZ 57 ÖkoLine, UZ 90,
Conductive Glue UZIN UZ 57 L

SCHÖNOX GmbH
Alfred-Nobel-Str.6
48720 Rosendahl
Phone: 0049-2547-910-0

SCHÖNOX TEX-OBJECT

Luis Vogl
Landsberger Str. 336
80687 München
Fon +49 (0) 89 46200655

Lieferant für Nagelleisten, Konfektionsband,
Konfektionsgeräte und Teppichverlegewerkzeuge

OBJECT CARPET Technical Department 8/2012