



**Installation instruction**

**Neoo 1000 Broadloom**

# **OBJECT CARPET**

## Testing Obligations

Before installation, the goods must be inspected for quantity, color discrepancies, and freedom from defects. After cutting or installing the delivered goods, any complaints regarding visible defects are excluded. Slight color variations are permissible within the scope of DIN EN 20105-A02.

## Preparation / Storage

The carpet to be installed must be acclimatized in the respective rooms for 24 hours before installation. The requirements for the room climate must be maintained before, during, and after the installation. The room temperature should not fall below 18°C. Temperatures above 26°C require special measures such as ventilation, shading, air conditioning, or similar solutions. The relative humidity should be between 40% and 65%. The surface temperature of the subfloor must not fall below 15°C.

## Installation and Cutting

The delivered roll lengths and widths may have a production-related dimensional difference of 0.5%. Generally, the carpet rolls are installed in the direction of the main window front. However, it is left to the contractor to determine the installation direction based on the carpet's width and the least wastage, if no different arrangement is specified in the performance description. It must be ensured that carpet rolls with the same pattern and pile direction are installed in the same room.

When dividing the rolls lengthwise, care must be taken to align the production outer edges together, as color differences may occur otherwise. When processing multiple rolls in one room, the rolls should be positioned in a continuous sequence.

Transition areas, electrical outlets, access openings, and circular cuts should be reinforced at the edges with a suitable edge sealer, such as Müller cold welding adhesive, to prevent individual pile tufts from coming loose. When abutting against dividing strips, the textile covering must not be higher than the strip. If the textile covering is higher, damage to the carpet cannot be ruled out. As the NEOO quality is installed using slip-resistant dispersions due to its recyclability, we recommend using cover strips in door transitions to prevent damage.

## subsurfaces to be covered

Please note in advance that the subfloor must be prepared according to ATV/DIN 18365 VOB Part C "Flooring Work," complying with the requirements of DIN 18202 (flatness tolerances), and following the specific installation recommendations from the material suppliers. The surfaces to be covered must be dry, stable, flat, dust-free, and free from cracks and release agents. They must adhere to the applicable building standards and regulations, while also adhering to the rules of the trade. For the readiness of the substrate, the moisture content should be 2.0 CM-% for cement screeds and 0.5 CM-% for calcium sulfate screeds.. Please ensure that any existing residues of old flooring are completely removed. The respective prepared subfloors should be treated with suitable primers, and then filled with a suitable leveling compound of at least 2 mm thickness

## Seamcut

The Neoo quality is designed to allow for a double-seam cut. This cutting technique is essential for processing on a slip-resistant dispersion.

## Installation on tackifier

The rolls to be laid out should be aligned and roughly cut in the room, with the edges in the seam area overlapping by approximately 4-5 cm. The rolls should be folded back at the longitudinal sides for about half of their width to apply the slip-resistant dispersion. During this process, the rolls should not be creased, as creases may show through. The adhesive is applied to the subfloor using a foam or short-nap roller, with an application quantity of approximately 100-120 gr./m<sup>2</sup>. The adhesive must be completely dry before laying the rolls to avoid bonding. The seams are formed using a double-seam cut, meaning the two overlapping rolls are cut through in a double-cutting process. This allows the seams to fit together seamlessly and cleanly. The double-seam cut can be done conventionally using a steel straightedge and a trapezoidal knife. However, the best results are achieved by using the plexiglass cutter from Fa. Roberts. Subsequent rolls are processed following the same procedure. Finally, the surface is rolled with a 40-60 kg segmented roller.

## Adhesive Recommendations

Producer	Conductive Glue *	Fixation **
Thomsit www.thomsit.de	T 410, T 440	T 425
Kiesel Bauchemie GmbH www.kiesel.com	Okatmos ET6, Okatmos megaStar	Okatmos® Star 150 plus
Uzin Utz AG www.uzin.de	Uzin UZ 57, Uzin UZ 88, Uzin UZ 90	Uzin UZ 2100, Uzin UZ 2500
Wulff GmbH & Co. KG www.wulff-gmbh.de	Multi Coll	HL 1, HV 9
Mapei www.mapei.com	Ultrabond Eco TX 2 Ultrabond Eco TX 3	Ultrabond Eco Fix Ultrabond Eco Fix Tack TX+

\* suitable for qualities with a second back, WELLTEX® Akustik and WELLTEX® Akustik Plus back

\*\* suitable for qualities with WELLTEX® Akustik Plus back

## Carpet on underfloor heating

The NEOO quality is designed in a way that allows for its use on underfloor heating systems. As a universally valid limit, different heating manufacturers specify a thermal resistance of 0.15 K\*m<sup>2</sup>/W.

For installation on stair steps, we recommend using solvent-free contact adhesives and achieving a strong bond. Please follow the adhesive manufacturer's processing guidelines. The pile direction on a stairway must always run from top to bottom. The rows of pile tufts must be at a right angle to the edge of the stair step. Stair edges must have a radius of at least 10.0mm.

The above information, especially suggestions for processing and using our products, is based on our knowledge and experience. We cannot be held liable for any claims arising from these instructions or from oral advice. Subject to changes due to technical progress.