

Loose Lay design floor covering with integrated impact sound insulation

EXPONA

SIMPLAY 19dB

1. GENERAL INFORMATION

When installing design floor coverings always follow current standards for the installation of floor coverings (VOB, Part C, DIN 18365 in Germany and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed. Subfloor preparation and use of correct subfloor materials are essential if the performance benefits from the floor covering being used are to be fully realized. On receipt of materials, check that colours correspond to those ordered and that there is no damage or visual defects in the material. In particular, check that the material is from one batch. Claims for visual defects can only be accepted prior to installation and cutting.

2. TESTING AND PREPARATION OF SUBFLOORS

Subfloors should be tested and prepared according to current standards for the installation of floor coverings (VOB, Part C, DIN 18365 in Germany, and other relevant national standards). Prior to laying, ensure that the subfloor surface is clean, dry, even, smooth, and free from cracks. Make sure that the subfloor does not suffer from rising damp or hydrostatic pressure. Prior to installation the moisture content of the subfloor must be established to ensure that it conforms to the parameters set in the relevant national standards.

In installations where underfloor heating is used, current standards should be followed (Germany: DIN 18365 and EN 1264-2). Maximum working temperature on the surface of the flooring is 27 °C. Suitable substrates for laying include, e.g., permanently bonded PVC, linoleum, parquet, stone flooring, metals and laminate systems. All traces of cleaning product or protective film residues as well as layers which impede adhesion are to be removed using the appropriate basic cleaning products before laying the floor. Spackled surfaces must first be reprimed to bind dust before laying. The requirements of DIN 18202 Tolerances in Structural Engineering must be fulfilled.

3. INSTALLATION

When installing design floor coverings always follow current standards (VOB, Part C, DIN 18365 in Germany, and other relevant standards), also best current installation practice incorporating the latest technical developments should be employed. To achieve best results, site conditions should be as described in DIN 18365 for Germany: minimum floor temperature of 15 °C, minimum room temperature of 18 °C and a maximum moisture content of 65 %. It is strongly recommended that the floor coverings and adhesives are stored and conditioned for at least 48 hours in the areas where they are to be installed before laying.

It is advisable to plan the layout of the room to maximize the visual appearance of the installed floor. Measure the room concerned in both directions.

Mark a chalk centreline, ensuring that it is square to the wall with the main doorway, loose lay the tiles to check that no small cuts will be required at the perimeter, then chalk another line square to the first one and repeat the process of loose laying to ensure that no small perimeter cuts are required.

EXPONA SIMPLAY 19dB is always to be installed with a tackifier adhesive in rooms that are permanently heated and at normal temperatures. In principle, the existing substrates must be suitable or prepared for the use of the recommended product, so that a slightly adhesive film is formed after application, which prevents the EXPONA SIMPLAY 19dB elements from slipping. The corresponding manufacturer's instructions must be observed.

In the case of installation with a tackifier adhesive a distance of approx. 2 mm from walls and all fixed components (door frames, heating pipes, etc.) must be maintained.

EXPONA SIMPLAY 19dB must be fully bonded in areas where high loads and high temperatures are to be expected (e.g. floor-to-ceiling windows or patio entrances). The choice of adhesive depends essentially on the substrate and the ambient conditions and can only be assessed project by project. In case of doubt, please contact us. The choice of adhesive can be double sided adhesive rolls, acrylic bases adhesives or 2-component reaction adhesives. In areas with very high thermal temperatures (e.g. conservatories), 2-component reaction adhesives must be used.

Important Notes

The prerequisite for permanent full-surface bonding is a permanently firm, dry and levelled substrate in accordance with local standards.

After the appropriate ventilation time (observe manufacturer's instructions!), the floor covering is laid in the tackifier adhesive, and a heavy roller is applied. The tiles or planks must be inserted tightly and tension-free. For all tiles in the square format of 600 mm x 600 mm, chessboard laying (quarter turn) is recommended

Cut the floor covering with a trapezoidal utility blade from the upper side. Due to the reinforced glass fibre layer, it will then be necessary to use a hooked blade to completely cut through the material. The product can also be cut with a suitable guillotine cutting tool and subsequently installed.

In areas exposed to direct sunlight (floor-to-ceiling windows, overhead glazing, conservatories), adequate shading must be provided.

Please observe our current tackifier and adhesive recommendations as well as our maintenance instructions!