

POLYFLOR VINYL FLOORING – Safety Vinyl Flooring for wet barefoot areas

POLYSAFE™
QUATTRO**1. GENERAL INFORMATION**

When installing homogeneous floor coverings always follow current standards for the installation of floor coverings (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK 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. For guidance refer to the instructions provided by the manufacturers of these materials (such as primers, underlays, adhesives etc.). It is important that all the materials used in the subfloor system are compatible, and wherever possible from **one manufacturer**.

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, BS 8203: 2001 in the UK 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. According to the design of the subfloor, pay attention to permissible residual moisture and any subsequent moisture penetration, i.e. seal the floor to prevent moisture penetration (seal off the stone floor).

A smooth, even and absorbent surface is necessary for correct installation of the flooring. If this is not available, it is recommended that a floor smoothing underlayment be applied prior to the laying of vinyl floor coverings. Porous subfloors must be primed.

In installations where underfloor heating is used, current standards should be followed EN 1264-2. Maximum working temperature on the surface of the flooring is 27°C.

3. INSTALLATION IN WET BAREFOOT AREAS

When installing resilient floor coverings always follow current standards (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national 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 (BS 8203 for the UK and as in other relevant national standards).

The subfloor must be checked for moisture and should not exceed of 65% relative humidity is required prior to laying the vinyl. It is strongly recommended that the floor coverings and adhesives are stored and conditioned for at least 24 hours in the areas where they are to be installed before laying. Ensure that the site conditions are kept at a constant level while the adhesive achieves full bond strength.

Only reaction resin adhesives may be used.

INSTALLING PVC FLOORING ROLLS

In order to guarantee colour matching within an area, the lengths of flooring must be cut from a single roll. It is recommended that an allowance of at least 75 mm is made for trimming in the manufacturing edges before installation.

A utility knife or seam cutter and/or a cutting machine are used to cut the seams. The lengths are then opened out unilaterally, the adhesive is applied and the lengths are placed in the bed of adhesive.

Adhesive should be applied using a notched trowel as recommended by the adhesive manufacturer, the amount of adhesive that can be spread at any one time is dependent on prevailing site conditions, which can affect the open time of the adhesive. Adhesive manufacturers provide details of the open time and their instructions should be followed. Roll with a 68 kgs articulated floor roller, firstly in the short direction, then in the long. In corners and other awkward areas use a hand roller. Roll the area again between one and four hours later.

The adhesive has to have set fully before any traffic on the flooring should be allowed. Always follow the instructions of the adhesive manufacturer.

SEAM WELDING

POLYSAFE™ by objectflor must be grouted around the seam edges.

To grout the flooring, the seams are milled / extruded using a mill and / or a grout extractor. A diamond milling blade has proven to be effective for this purpose. The ideal milling depth is 2/3 of the flooring. The prepared flooring seams should be grouted with a suitable 1K/2K grouting compound in compliance with the manufacturer's processing instructions.

For further guidance contact our objectflor Customer Technical Support.

Please also refer to our current list of recommended adhesives and our maintenance guide!