



Manufacturers & Stockist Distributors of:

Commercial & Industrial Safety Floorings,
Entrance Matting Systems & Specialist Mats
& Floorcoverings

**Jaymart Flooring Installation Guidelines
Astroturf Indoor and Outdoor Installation**

Subfloor Preparation

The objective of subfloor preparation is to create a surface which is dry, rigid, smooth, level, dimensionally stable and which provides a suitable finish to maximise adhesion.

In order to achieve a satisfactory installation of the flooring, it is essential that the subfloor is correctly finished in accordance with British Standard codes of practice CP102, BS8203, BS5325 and subsequent and future amendments. In particular:-

1. Old floor coverings, paint and adhesives should be removed.
2. Concrete subfloors must be dry. ie.: relative humidity should not exceed 75% when measured with an Edney Hygrometer.
3. Propriety flooring screed should be used in accordance with the manufacture's instructions. Jaymart recommends the use of suitable Ardex UK Ltd. screeding compounds. (telephone 01440 63939).
4. Subfloors which are direct to earth should be protected by a damp proof membrane. If in doubt over whether such a membrane has previously been installed, Tretobond ES3000, or similar surface applied damp proof membrane should be used in accordance with the manufacturer's instructions.
5. The surface of the sub floor should be smooth, level, clean, dry, and free of all defects.
6. Suspended timber board floors and chipboard floors should be made sound, and for maximum rigidity, 6mm flooring grade plywood nailed down with ring shank nails or equivalent fixings at 4" intervals around the edge of each sheet, and at 6" intervals throughout the rest of the sheet. The nail heads must not protrude above the surface of the plywood.

In domestic and light contract installations, hardboard or plywood of less than 6mm thickness is often used successfully in place of 6mm plywood. Installers should satisfy themselves that such an underlay will be adequate for the intended usage before proceeding, as Jaymart cannot accept any responsibility for subsequent failure of floors installed on such substrates.

7. It is not recommended to install floorcoverings on woodblock floors, asphalt or bitumen subfloors.
8. Metal subfloors should be rigid, bare and abraded. Installers wishing to install flooring on coated metal surfaces should confirm with the coating manufacturer it's suitability as an underlay, bearing in mind the adhesive to be use

Installation

The surface temperature of the screed and the flooring materials to be laid should reach 18°C (64°F) for 24 hours prior and following installation. Where applicable, underfloor heating should be turned off 48 hours before and after installation.

In very cold weather it is recommended that boxes and/or other wrappings should be opened and the following materials spread out in the heated area in which they are to be installed, in order for them to achieve the correct working temperature.



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Upon receipt and before proceeding with cutting or installing any materials, deliveries should be checked to ensure the correct materials have been received in good condition. Colour shade batching should also be checked. Please note, however, it is impossible to supply different items in the same colour shade batch.

Adhesive Use

Before using the adhesives, users should familiarise themselves with the relevant “Health and Safety” data sheets, available on request.

“PU2000” polyurethane adhesive is a two part adhesive. Before the adhesive can be used, the contents of the two cans should be thoroughly mixed together. The largest can contains sufficient empty space to accept the contents of the smaller can.

The mixed adhesive should be applied within two hours of mixing, to the floor only, using a 1.5mm x 5mm V-notched trowel. The flooring should be laid into the wet adhesive, pressed down to ensure total contact, and rolled with a 68kg flooring roller to exclude air.

Care should be taken to ensure that the flooring remains in contact with the wet adhesive during the curing process. Failure to do this may result in an unsatisfactory bond, and subsequent deterioration in the finished floor. Weighting down may be necessary.

Excess adhesive may squeeze up between the lengths. Use a solvent cleaner to remove the excess adhesive whilst it is still wet. Under no circumstances should the excess adhesive be allowed to dry on the upper surface of the tiles. The cleaner should also be used to clean the adhesive application tools.

The curing process, mentioned above, usually takes about 48 hours. It is essential that traffic is prevented from traversing the finished floor this period. Failure to do this may disturb the chemical hardening process as it takes place, and then result in an unsatisfactory bond. A “Health and Safety” data sheet is available on request.