

## **Jaymart Flooring Installation Guidelines**

### **“Plaza Safe-T-Decor” Vinyl Flooring Indoor 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 “Plaza Safe-T-Decor” vinyl floorings, it is essential that the subfloor is correctly finished in accordance with British Standard code of practice BS8203/1987 and subsequent and future amendments, In particular:-

1. Old floor coverings, paint and adhesives should be removed.
2. Concrete subfloors must be dry i.e. relative humidity should not exceed 75% when measured with an Edney Hygrometer.
3. Proprietary cementaceous smoothing compound of at least 3mm thickness should be used in accordance with the manufacturers instructions.
4. Subfloors which are direct to earth should be protected by a damp proof membrane. If in doubt whether such a membrane has previously been installed a surface applied damp proof membrane should be used in accordance with the manufacturers instructions.
5. The surface of the subfloor 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 100mm intervals around the edge of each sheet, and at 150mm 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 are often used successfully in place of 6mm plywood. Installers should satisfy themselves that such an underlayment will be adequate for the intended usage before proceeding, as Jaymart cannot accept responsibility for subsequent failure of floors installed on such substrates.
7. It is not recommended to adhere vinyl floor coverings to woodblock floors.
8. Metal subfloors should be rigid, bare and abraded. Installers wishing to install “Plaza Safe-T-Decor” flooring on coated metal surfaces should confirm with the coating manufacturer its suitability as an underlayment, bearing in mind the adhesive to be used.
9. Underfloor heating must have been fully commissioned as per manufactures instructions and must be switched off 48 hours before and during installation. The heating should be switched on 48 hours after completion but then only gradually as per the commissioning schedule.

#### **Adhesive Selection**

An acrylic adhesive would normally be used for installation of “Plaza Safe-T-Decor” for standard indoor dry applications. Our recommended acrylic adhesive is our own JAYBOND. Most adhesive manufacturers offer their own acrylic adhesive and after testing, have recommended their adhesives as suitable for adhering “Plaza Safe-T-Decor”. We have no objection to such adhesives being used, but we can not accept any responsibility for their performance.

We now also recommend “1635” adhesive for use with this product. “1635” Adhesive is suitable for use in areas subjected to surface water, and can be used on both vertical and horizontal installations. It is particularly recommended for use when an installation includes stair risers and skirtings, in “wet” areas.

Treadfast 108 pressure sensitive and PU2000 polyurethane adhesives may also be used.

#### **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.

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.

Upon receipt and before proceeding with cutting or installing any materials, deliveries should be checked to ensure the correct materials have been received and in good condition. Colour shade batching should also be checked.

Wherever possible, lay "Plaza Safe-T-Decor" down the length of the room to minimise the number of joints. Avoid joints in doorways.

a) Fitting the Initial Length

Measure the length of the room and cut from the roll the first length of flooring, allowing an extra 50mm minimum for fitting. Allow for any rake of the walls or for irregularities such as doorways and alcoves. Looselay sheet in position on the floor.

b) Cut the second length from the roll, allowing 50mm extra length for fitting. Looselay into position, overlapping the joints of the previous sheet for cutting in. Cut 'V' shapes at both ends and the middle of the top sheet to align the material before cutting through both layers. Cut and fit subsequent lengths in the same way.

Proprietary cove formers and capping seals may be used to cove the flooring up to the wall (usually 100m-150m high).

Pattern match cannot be guaranteed.

c) "Plaza Safe-T-Decor" must be cut to fit before spreading the adhesive.

d) Method of application of Acrylic adhesives:

1. Priming

Dusty or very porous substrates should be sealed with Jaybond diluted 1:1 by volume with water.

2. Method Of Application

Stir the adhesive thoroughly before use..

Spread evenly using a correctly notched trowel (1.5mm x 5mm) for vinyl floor coverings. Only spread sufficient quantity of adhesive which can be covered within the products open time (10 to 25 minutes dependent on conditions)

Lay the floor covering into the semi-wet adhesive (absorbent surfaces only). Press firmly from the centre to exclude air and ensure overall contact. Roll immediately in both directions using a 68kg flooring roller. A second rolling is recommended.

For surfaces of low absorbency, the "double drop" method can be adopted, i.e. place the pre-fitted floor covering into wet adhesive and firm in to ensure transference of adhesive to the back of the vinyl. Roll back and allow the Jaybond adhesive, which is now coating both surfaces, to "tack up" before carefully placing back into position. Roll with a 68kg flooring roller in both directions.

Cold welding is usually suggested for the "Plaza Safe-T-Decor" range when required.

## **Finishing off the job**

Following installation of the floorcovering and accessories, and allowing appropriate adhesive curing times, the floor should be fully cleaned. Jaymart recommend the use of Nova products, available from the BRITISH NOVA WORKS, Beaumont Road, Banbury, Oxon, OX16 7RB. Telephone 01295 254 030. These products should be applied in accordance with a separate data sheet, "Jaymart Vinyl Flooring – Cleaning and Care", available upon request.