



mFLOR™
collection

LAYING INSTRUCTIONS FOR mFLOR

This leaflet is designed as a guide to the successful installation of mFLOR plank and tile luxury vinyl flooring. Please read carefully and follow the recommendations.

Failure to do so may lead to problems that will affect the performance of the product. It is the installer's responsibility to make sure the floor is laid to the Manufacturer's recommendations.

Before installing, always make sure that material is as ordered, and that it is inspected under good lighting conditions for defects, shading, colour variation or damage. Allow vinyl to acclimatise to room temperature for a minimum of 24 hours prior to installation. Suitable temperature range for installation is 18°C-28°C. When ordering material make sure you have enough, as we cannot guarantee any extra requirement will be from same batch.

Sub-Floor Preparation:

When laying plank and tile vinyl the condition of the sub-floor is of the utmost importance and its suitability essential for a successful installation.

mFLOR can be laid over most sub-floors provided they are sound, hard, firm and level. Where hydrostatic pressure, moisture or alkaline conditions exist, the installation of mFLOR is **specifically not** recommended. The sub-floor must be clean, dry, firm, level and smooth, and free from dust, wax, oil, paint, grease, Builder's crayon or other substances which could be harmful to product or adhesive. If required, remove any contaminants by mechanical means. Do not install over existing floor coverings as any such installation may void warranty. At all times refer to Australian Standard 1884-1985 "floor coverings – resilient sheet and tiles – laying and maintenance practices."

Timber Sub-Floors:

All timber/particle-board sub-floors should have at least 400mm of well ventilated space below. If necessary additional ventilators should be fitted to ensure cross flow of air. All boards must be securely fixed to joists and any faulty boards replaced. Timber boards or panels should be sanded to a level and smooth finish and then covered with suitable Hardsheet Underlay in panels 1220mmx915mm or Fibre Cement Underlay in panels 1200 x 900mm. These should be installed strictly as per relevant Underlay Manufacturer's specifications to ensure best results. Underlays minimise the amount of sub-floor show through but may themselves show through product under certain circumstances such as building movement, strong light conditions or incorrect preparation and installation.

Note: Hardsheet Underlay is not considered suitable for use in wet areas, Fibre Cement Underlay should be used.

Customers must be notified that joints in chipboard may show through and that vinyl can be damaged or distorted when the chipboard expands and contracts.

Any problem with underlay should be referred to relevant supplier or manufacturer of Underlay. mFLOR will not be responsible if joints of timber, floorboards, hardboard or other floor irregularities show through product. It is the installer's responsibility to ensure that sub-floor is suitable and well prepared and that all necessary preparation and precautions have been carried out.

Concrete Sub-Floors:

mFLOR can be laid on new or existing concrete sub-floor, including those that incorporate under-floor heating. Direct to earth concrete floors must have a suitable damp proof membrane installed. Before product is laid on a concrete substrate or screed underlay, the dryness shall be determined using either the hygrometer or electrical resistance test as described in AS1884 -1985 Appendix A if in doubt. All chips or cracks should be filled with a suitable compound and any irregularities removed by grinding or sanding to ensure a smooth, even and level surface. Absorbent or dusty concrete should be primed with suitable primer prior to application of adhesive, check Adhesive Manufacturer's recommendations.

Prior to Installation:

Ensure that product to be installed has had sufficient time to acclimatise to site conditions. Stack in open piles that allow for ease of air circulation. A minimum of 24 hours is required and suitable temperature range for installation is 18°C-28°C. Temperature range should be maintained for a minimum of 24 hours after installation. Relative humidity should not exceed 70%. This includes all sub-floor preparatory items and adhesives. Temperatures outside this range may have an adverse effect on products and adhesives. Make sure that product is stored flat at all times.

mFLOR guarantee the quality of our products, but not the installation as this is beyond our control.

Laying Plan:

In order to minimise waste and small strips/cuts at the perimeter, set out chalk lines central to the laying area and at 90° to each other. Check this using 3/4/5 method and adjust to minimise small cuts/strips at the perimeters of the installation area. To prevent light and dark shaded areas within the installation area it may be required that product is un-boxed and shuffled and/or reversed to minimise this from occurring. Plank end joins should be no closer than one plank width from each other in order to maintain good aesthetics.

In instances where the subfloor and product is to be exposed to direct sunlight, care should be exercised to ensure that all windows are suitably "blacked-out" for a period of 24 hours prior to, during, and for 24 hours after installation. This is essential in maintaining the dimensional integrity of the products.

Installation:

A total cure, hard set type adhesive must be used, such as Uzin K2000-S, Polymer 265, Polymer 365, Polymer GS200, or similar adhesives. Check with Adhesive Manufacturer for product suitability as use of incorrect adhesive may void warranty. Take into account product "open times" and only spread enough adhesive as can be used in easily worked sections. The amount of adhesive that can be spread at any one time depends upon site conditions, such as temperature, relative humidity and flow through of air which will affect the open time of the adhesive. Check Adhesive Manufacturer's product data sheets to provide details of open time. The minimum subfloor temperature is 10°C.

Note: Pressure sensitive type adhesives are not suitable.

Any problem with adhesive should be immediately brought to the attention of the Adhesive Manufacturer and/or Supplier.

Before leaving the factory the product is carefully inspected to ensure high, first-grade quality. Nevertheless, always visually inspect each plank/tile prior to fitting. Reject and set aside any plank/tile that is felt to be not of first-grade quality. Warranty may be affected if planks/tiles with obvious defects are installed.

Lay/drop product into adhesive ensuring good adhesive transfer using a carpet covered board or hand roller. This will also remove any air trapped under the product. Remove any excess adhesive immediately using a damp cloth. Optimum adhesion will occur when the adhesive covers approximately 80% of the surface of the underside of the plank/tile. Once a section has been laid, it should be well rolled in both directions with a medium weight (30kg-60kg) articulated floor roller, taking into account the tack-up time of the adhesive (check Adhesive Manufacturer's instructions). Repeat for each section until the main area of planks/tiles has been installed. Remove any excess adhesive using Adhesive Manufacturer's recommendations and instructions.

Product should be finished flush to any walls, fittings and abutments with a maximum gap of 1mm at any point.

Note: In cases where the product will be:

- **exposed to prolonged high temperatures from direct sunlight,**
- **exposed to areas of particularly high humidity and moisture, or**
- **exposed to areas of proposed very high traffic and usage,**

A polyurethane adhesive (moisture resistant) should be used, such as Uzin KR 430-2 PUR adhesive, or similar. Check with Adhesive Manufacturers for suitable products and application specifications.

Upon completion of installation:

All exposed edges of product or edges abutting other floor-covering materials should be protected by means of diminishing strips or other suitable mouldings.

Remove all scrap and debris from the finished floor area and sweep or vacuum floor. Remove any excess adhesive using Adhesive Manufacturer's recommendations and instructions.

Do not allow heavy traffic or wet cleaning for a period no less than 24 hours after installation is completed.

Ensure that all furniture is equipped with plastic glides, or cups, with a large bearing surface sufficient to prevent indentation. Protective mats should be used under all caster chairs. Always lift; do not drag heavy items over vinyl flooring. Alternatively walk them on sheets of hardboard or ply. Use of a trolley is recommended.

Please leave our maintenance leaflet with consumer.

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The above information has been printed in good faith. Conditions of use will vary and be beyond our control. Therefore all recommendations and suggestions are made without accepting liability.

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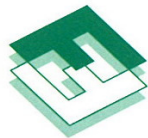
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