

mFLOR design floors

Guide to successful installation and use

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Congratulations on the purchase of your mFLOR floor.

mFLOR is a luxury design vinyl flooring intended for speedy and effortless installation. Soft, warm, quiet and comfortable underfoot, mFLOR can be used in all areas of the house and in most light to moderate commercial applications. In certain instances, reduction in installation time means that you can start enjoying your new floor sooner.

Areas of use and suitability

mFLOR can be installed over new and existing concrete and timber subfloors that comply with AS1884-2012 Floor coverings – resilient sheet and tiles. Floors must be clean, dry, smooth and level. Remember that mFLOR will only look as good as the floor it's laid on.

- All subfloors for the installation of mFLOR must comply with the current Australian standard for the installation of resilient floor coverings – AS1884.2012 if in doubt contact your place of purchase.
- NOTE: Hardboard sheet must be installed under all installations over timber subfloors, including ply. Hardboard reduces the show through caused by seasonal building movement and provides a more stable surface for installation. Cement sheet must be used in ALL wet areas, as PER AS 1884-2012.

mFLOR can in some instances be installed over existing flooring types such as ceramic tiles, providing that the surface is smooth, dry, clean, level, and that the existing floor has full adhesion with no loose tiles or planks. Rectification work including levelling of the existing surface (to fill in grout lines for instance) and application of a suitable primer will be required to meet these recommendations. Seek advice for suitability if unsure. We can guarantee the product for its integrity but not the subfloor as this is beyond our control.

- mFLOR cannot be installed over carpet, carpet tiles or any type of textile floor covering.

Acclimatisation and set out

mFLOR should be stored on site in the area of proposed installation for a minimum of 48 hours prior to installation. Loose stack boxes, ensuring that they are laid flat in order for acclimatisation to occur. The environment for acclimatisation should be between 16 – 28 C during this time, and should be maintained within these levels after installation to ensure acceptable product performance. The minimum sub-floor temperature for the application of adhesives is 10 C.

- Vinyl flooring will expand and contract freely if temperature/climate conditions allow:
- If the vinyl floor is installed during cool/cold weather and not correctly acclimatised, it will try to expand when the internal temperature rises during warmer weather. This can lead to peaking and buckling at the joins of planks and can lead to irreparable damage.
- If the vinyl floor is installed during warm/hot weather and not correctly acclimatised, it will try to contract when the internal temperature falls during cool/cold weather. This can lead to gaps forming at the joins of planks.

Installation

mFLOR is recommended for installation using Hard-Set Adhesive. The follow applies:

- The subfloor is acceptable in accordance with Australian Standard AS1884.2012
- The vinyl has been acclimatised correctly to IN SERVICE ROOM CONDITIONS prior to installation (see above)
- The adhesive is to be applied as per strict manufacturer's instructions, referencing but not limited to:
 - Floor type and construction
 - Subfloor preparation, including moisture testing, trowelled or hard underlayments and primers
 - Open times, working times and climatic conditions

A total cure, hard set type adhesive must be used, such as Polymer 265, Polymer 365, Polymer GS200 or Mapei – Ultrabond Eco VS90 Plus, Eco V4 SP or Eco MS 4 LVT or similar adhesives. Follow adhesive manufacturer's instructions at all times. Any issues with adhesive should be brought to the attention of the adhesive manufacturer/distributor as soon as possible.

mFLOR planks should be laid in a random fashion to achieve best aesthetic appearance. Work from 2-3 boxes of product at a time. Rotate or reverse planks to minimise pattern repeats if necessary. Minimum overlap/stagger of 300mm between planks is recommended for best appearance. Install as per AS1884.2012

- If the room is exposed to direct sunlight/strong heat source or standing water, then appropriate adhesives and subfloor preparations to AS1884.2012 will be required. We recommend a 2 part polyurethane adhesive such as Roberts 555 or RLA Polymer 8000.

High temperature applications (important)

Direct sunlight exposure through windows can rapidly increase floor surface temperatures to well over 60°C on even a mild day. This rapid warm-up of the flooring can result in peaking/buckling and even floor failure. In these instances the following applies:

- Product is installed using a suitable high temperature 2 part epoxy adhesive (or similar) and applied STRICTLY as per manufacturer's instructions, referencing but not limited to:
 - Floor type and construction
 - Subfloor preparation, including moisture testing, trowelled or hard underlayments and primers
 - Open times, working times and climatic conditions
- Product is installed without sunlight hitting it during the adhesive curing time. Blacking out of windows may be required to affect this.
- Protection is provided to the floor after installation by way of:
 - Blinds, shades or curtains drawn during times of exposure
 - Tint/Film applied to glass to reduce IR/UV light

After installation:

- Allow floor to settle for 24 hours before moving heavy items of furniture, appliances etc. onto floor. Always use a trolley and avoid stationary twisting/pivoting.
- Sweep or vacuum the floor (using a brush attachment) to remove dust and debris. Mop sparingly using a pH neutral detergent in hot water or Pegulan Clean Mop, available from your place of purchase.

See separate care, maintenance and warranty guide for full details in looking after your new mFLOR floor.

If you require further information please don't hesitate to contact us:
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