

RIGIDCORE. 

Installation Instructions



Installation instructions for RigidCore

Customers or installers responsibility prior to the installation of flooring products.

It is highly recommended that all our flooring is installed by a qualified and experienced contractor.

It is the installers/customers responsibility to carry out an inspection of the delivered flooring product **prior** to installation to ensure the colour, grade, gloss level, structural quality and finish are acceptable.

It must also be confirmed that the correct product, as per viewed samples, has been delivered to site. If the product is deemed not acceptable, do NOT install it and contact your supplier immediately. If the product is installed it will be considered to be acceptable to the customer and the supplier will take no further responsibility.

Hybrid Flooring should never be stored outdoors, or any area of potential damage. Care should be taken to store the packs flat; packs should never be lent against a wall.

Hybrid flooring does not need to be climatized on site if stored within the normal temperature range of 18 to 26 degrees Celsius . If exposed to extreme temperatures outside this range for 12 hours prior to installation it is essential the product be acclimatised in the correct temperature range for 48 hours.

A extra waste factor of 5 to 10% should be ordered with the stock.

Levelling and subfloor requirements

Subfloors are to be made flat through grinding and/or levelling to the following ATFA and Australian Standards AS 1884:2012.

Hybrid Floors: Not to exceed 3 mm under a 1 meter straight edge.

Timber and concrete subfloors must also be checked for high moisture prior to installation. All flooring contractors should possess moisture meters for concrete and timber sub-floors. High readings can be caused by poor drainage or leaks and will affect the finished flooring if not rectified. Although Hybrid Floors are highly resistant to moisture, it must be noted that if the subfloor is damp below the product issues such as odours and mould growth can occur.

Any timber substrate issue should be checked for structural integrity by a registered contractor prior to installation.

The flooring can be installed over many existing floor coverings such as ceramic tiles, PVC tiles and linoleum. This flooring must be flat, level, dry and securely fixed. In the case of ceramics the grout lines must not exceed 3mm in width or depth. Grout lines can be filled with a suitable industry approved leveller if in excess of this.

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Hybrid can only be installed as a floating system.

The span of both the width and length of the floor should not exceed 20 x 20 meters. Expansion joints should be fitted to compartmentalise a larger floor area so it can move correctly as a raft. This can be done in doorways or natural transitions from one area to another. At doorways or transitions the door jambs, or frames needs to be undercut well and all material removed for the timber floor to slide under and move freely. A gap of 1mm is recommended above the surface of the product.

As Terra Mater Hybrid Flooring is supplied fitted with high density EVA 2mm foam underlay on the underside, the use of other underlays is not recommended.

If installed in wet areas such as bathrooms and laundries the flooring should be fitted with our matching expansion joints at the entrance to the room to allow for the correct movement.

The installer must use reasonable selectivity and remove any faulty boards that should not be laid or dock any faults to ensure the finished floor meets industry and customer standards.

As a general rule we recommend at least 8 to 10 mm expansion gap be allowed around the perimeter of a floating Hybrid floor. At no point should the flooring be in contact laterally with any solid structure. The flooring must be allowed to move independently or damage will occur, such as cupping, peaking, gapping or squeaking.

Flooring on stairs must be directly stuck with the appropriate polyurethane adhesive to the existing tread & riser, matching stair nosing to be fitted on the front edge of each step. Also please make sure that the stair nosing meets the slip test guidelines for each state in Australia.

All trims or skirting must be fitted with a 1mm clearance gap above the flooring to allow for the correct raft movement. Trims or skirting must not be fitted to the flooring product. The 1mm gap must not be caulked or siliconed in any way.

Although waterproof the product should not be installed in areas of excessive moisture such as outside areas, saunas or around pools.

After installation, if other trades are still to complete their work, a breathable protective covering should be installed over the flooring. Non breathable plastic should not be used as this will damage the product due to change of temperature and moisture. The flooring must be clean and clear of any debris prior to fitting of protection. The product must be taped using on edges with 3m Scotch Blue tape. Other tapes can cause surface damage.

Under Floor Heating

- When installing over under floor heating system, ensure that the instruction of heating procedures is obeyed, before laying the floor.
- Floating floor laying instructions must be followed. The surface temperature from the underfloor heating must not exceed 27 degrees Celsius and the wattage should not exceed 60 watts/m².
- Turn on the heating system for at least 3 weeks prior to laying the floor and run at the desired temperature then switch off 48hrs before installation, the heating system can be started 1 week after the floor has been installed with gradual increases by 2 degrees increments each day until you reach the correct temperature and when turning off the heating system go down gradually by 2 degree increments each day until off.

Installation of 5G Click systems

1. First plank, first row. Place a spacer of 8 to 10 mm thickness to the left and position the plank against the wall. Later, after 3 rows, you can easily position the flooring against the front wall with distances \approx 10 mm.
2. Second plank, first row place this plank gently and tight to the short end of the first one.
3. Fold the panel down in a single action movement. During the fold down, make sure the panels are tight against each other. Afterwards press down or slightly tap down at the short end just installed till it clicks. No major force is required.
4. At the end of the first row, put a spacer \approx 10mm, to the wall and measure the length of the last plank to fit.
5. Minimum distance between short ends of planks in parallel rows shall not be less than 500mm. This is for stability of the floor.
6. Second plank, second row place the panel at an angle into the groove of the previous row making sure that the end of the panel is tight/flush to the short end of the previous panel.
7. Fold the panel down in a single action movement with a slight press to the left to the short end of the previous panel. Again using the tapping block tap it against the long end into the previous row. During the fold down, make sure the panels are tight against each other.
8. As it flattens itself to the floor, press or gently tap the top of the short end of the installed panel until it clicks. Finish installing this plank by tapping it with a tapping block on the long side to ensure secure installation.
9. After 2-3 rows, adjust the distance to the front wall by placing spacers \approx 10 mm. Once the adjustment is done against the main wall, continue to install till the last row.
10. Last row (and perhaps also first row). The minimum width of the last plank should be NOT LESS than 50mm. Remember distance to wall is 10 mm. TIP: Put a spacer before measuring. Cut the panels lengthwise and glue the short ends.
11. If the product needs to be removed the floor should be raised carefully to approximately 30 degrees and then slid outwards along the locking system. The product must not be pulled upwards as this will potentially damage the locking system.

life inspired flooring

Terra Mater Floors

23-27 Rodeo Drive, Dandenong South
Victoria 3175 Australia

Call 1300 671 777

www.terramaterfloors.com.au

 **Resiplank**
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