

# IMPACT-TILE

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A1 Rubber IMPACT-TILES form an impact attenuating comfortable, quiet floor covering for many varied applications.

## Installation Guide:

# INSTALLATION GUIDE

Preparation is the key to any successful flooring installation. Reasonable time should be spent to ensure that your subfloor is prepared well. Concrete floors should be smooth and level. For best results tiles should be adhered to the sub-base, however it is not necessary (subject to end use) if tiles can be locked in place in suitable areas that are bordered with suitable edge strips or walls to butt to. To determine the appropriate installation works consideration should be given to the end use. Aerobics boxing and extreme use activity require full adhesion to the sub-base and a minimum of three coats of gloss floor finish. Loose lay installations must give consideration to temperature variations during and after installation. Environments with conditioned air require the tiles to be acclimatised if the ambient temperature at installation will be higher than when in service. If adhesives are to be used, a concrete moisture test should be carried out to make sure the floor is dry (below 5.5%). If the tiles are to be installed over timber and chipboard floors and the surface is uneven or has gaps they should be sheeted with flooring Masonite and anchored with the proper nails or staples. The tiles should not be installed over carpet.

### All Tiles should where possible be installed in Brick Pattern

1. Once the subfloor is prepared, establish your starting point by laying out one row of loose tiles horizontally at the front entry point of the area. Form a line across the room with the intention of working horizontally backwards to the rear of the room. The front row of tiles should be the first row of tiles that will be walked onto. Adjust their position to give equal gaps at the walls, trying to avoid thin slivers. This first row of tiles should be glued down along the front leading edge or held in place with appropriate nails (nails to be removed after installation) or a protective aluminium or timber strip can be installed to hold the position of the front row of tiles whilst the remaining tiles are installed.



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2. Lay the next row of tiles horizontally directly behind and offset to in a stretch bond pattern (brick pattern). Attempt to push firmly against the first full row of tiles and over cut at the walls by 10mm or more [dependant upon length of run] to cause a horizontal direction force reduction tight fit. Continue laying horizontally down the room in stretch bond pattern until the floor is complete. Ensure the tiles are tightly laid and over cut along the back wall to cause a vertical direction force reduction tight fit.

3. To mark tiles for cutting, (in instances where the walls are square) place the tile pushed forward into the wall and lay it under the adjacent already laid tile. The edge of the top tile provides the line along which to mark for cutting. Using a straight edge, over cut the line with a very sharp Stanley knife to enable a force reduction tight fit. Install the cut tile with cut edge to the wall. If the walls or the cut requirement is not square simply take measurements from the installed tile to the wall and mark the tile appropriately for cutting. Remember to over cut the tiles for a snug fit.

4. For areas of high traffic or extreme use the tiles should be fully adhered to the sub-base with Sikaflex adhesive. Use a notched trowel to spread the adhesive. Tiles can be spot glued if the intended end use requires it.

5. It is required that all floors be coated with two coats of gloss urethane floor finish (cork floor sealer) with a 10mm nap roller. **Be careful not to flood the tile with the sealer to avoid it swelling from the solvents.** If swelling occurs, the tiles will typically contract after the solvent dissipates. Perform a test coat on a small area prior to full application.

The installation instructions contained herein are given to the best of our knowledge. It is impossible to foresee all site variations that may arise therefore professional construction advice should be sought in areas that are not covered in this installation guide. Application, use and interpretation of these instructions is beyond our control and thus full installation responsibility falls exclusively with the installer. Should we nonetheless be liable for damages for any reason whatsoever, the scope of the liability shall be specifically limited to the original product cost only.