

EXCELON

Designer Terrazz Stonetex

ENGINEERED INSTALLATION SYSTEM

QUICK REFERENCE GUIDE

Installation:	Conform to AS 1884 – 1985
Types of subfloors:	Concrete – timber
Installation system:	Full spread
Adhesives:	PS-820
Trowel size:	Roller or steel notched trowel 0.8mm x 0.8mm x 1.5mm
Special precautions:	Do not scrub or wash floors for at least 48 hours after installation. 'Tile on tile' installations reduce resistance to indentation. Stonetex: Lay tile in same direction. Please contact your Armstrong office for further details.
Recommendations:	Allow to acclimatise to room temperature (18°C) Roll entire floor area with 45kg roller. Do not allow heavy rolling loads for at least 72 hours after installation.

INSTALLATION INSTRUCTIONS

INITIAL PROTECTION:

Armstrong highly recommends the installed floorcovering be protected from construction site debris, dirt, soil, traffic and stains, all of which can damage the unprotected flooring.

Armstrong recommends the use of Armstrong Topgard loose laid over the floorcovering. The floorcovering must be clean, free of all debris and must be dry. Do not tape the Topgard to the surface of the floorcovering.

Responsibility for the protection of the finished work until handed over to the client should be arranged prior to installation.

TO THE INSTALLER:

Please note that if material has been cut, fitted, or installed, NO ADJUSTMENTS or CLAIMS (if any) will be considered due to the failure to comply with any of the following. Before cutting and installing Armstrong floorcoverings make sure that you:

1. Check for obvious manufacturing defects in good daylight conditions.
2. Check that the material is the correct colour, pattern and quantity ordered by the customer.
3. Material should be allowed to acclimatise to job climatic conditions for 24 hours at 18°C. Never install the material if the temperature in the room is less than 15°C as per Australian Standard AS 1884 – 1985 Section 3 – 1.
4. Use only Armstrong recommended adhesive specifically formulated for Armstrong product.
5. All cartons of Armstrong products are marked with a 'batch number'. When using more than one carton make sure the cartons have the same 'batch number'.
6. Do not cut or install any damaged or defective material unless accepted, agreed and approved by all parties concerned.

PLEASE NOTE: Existing resilient flooring backing, or lining felts should **NOT BE SANDED**. These products may contain asbestos fibres that are not readily identifiable. You should note the details in the 'WARNING' panel set out later in these instructions **BEFORE YOU PROCEED ANY FURTHER**. If you have satisfied the requirement of the warning then, providing it does not conflict with any applicable laws, the following procedure is suggested to remove existing resilient floorcoverings.

The wear layer should be cut into narrow strips, being careful not to score the subfloor. The narrow strips should then be peeled from the backing by pulling or rolling around a core which will control the stripping angle and create a uniform and more constant tension. After the wear layer has been removed, the remaining felt should be scraped by using scrapers (**MUST NOT SAND**).

Any unevenness in the subfloor due to scraping should be levelled and smoothed using an underlayment as per manufacturers recommendations.

SUBFLOORS

The condition of the subfloor not only has an important bearing on the appearance of the finished installation, but can dramatically affect the life and serviceability of the floorcovering. It is essential, therefore, that the subfloor be dry, hard, rigid, smooth, level, clean and free of dust and grease.

CONCRETE SUBFLOORS

Concrete subfloors must be cured and completely dry. The surface must be steel trowelled to a smooth dense surface free of trowel marks, irregularities, as per Australian Standards.

Concrete slabs in contact with fill, hardcore or the ground must have a damp-proof membrane to prevent entry of moisture. Water proofing additives and curing compounds do not replace the damp-proof membrane. New slabs should dry for at least one month per 25mm thickness.

Care must be taken to ensure that the surface of the concrete is free of parting or curing compounds, oil, grease, paint, dust and any other substances, which may prevent the adhesive from forming a secure bond. The surface of the concrete must be smooth and level, completely free of cracks, holes and protrusions.

If the surface is not satisfactory it should be repaired and levelled with a cementitious underlay, applied according to manufacturers recommendations.

When curing compounds, hardeners, sealers, or parting compounds have been used, they have to be completely removed by sanding, sandblasting or grinding prior to the installation of materials as this will impair the bond of the adhesive. *A MOISTURE TEST SHOULD ALWAYS BE CARRIED OUT PRIOR TO INSTALLATION.*

HEATED SUBFLOORS:

Flooring material can be installed over heated subfloors. However, it is imperative that the temperature at the surface of the slab does not exceed 28°C. Prior to the installation the heating should be turned on for a number of days to remove all traces of residual dampness that may be present in the subfloor. The heating should be turned off 48 hours prior to and during the installation and shall not be turned on until 48 hours after the installation is completed, in order to allow the adhesive to set.

TIMBER SUBFLOOR

All timber subfloors must have at least 450mm of good cross ventilation under the floor to prevent distortion and movement of flooring members as well as excessive movement of underlay. New timber subfloors should be rigid, sound and constructed of seasoned timber and free from excessive cupping and warping.

Old timber subfloors should have all loose boards re-nailed and badly worn or damaged boards must be replaced. If necessary, sand floor to a level finish without undulations. Overlay subfloor with hardboard or approved fibrous cement vinyl flooring underlayment. The underlay sheets must be fastened at 75mm intervals around all sides, 10mm from edges, and at 100mm to 150mm intervals throughout the body of the board.

IMPORTANT: PLEASE READ CAREFULLY BEFORE YOU START

The sanded areas must be sealed prior to the installation of the floorcovering, as recommended by the manufacturer. Underlay must be installed over structural particleboard using the adhesive and nailing fixing system specified by the underlay manufacturer.

EXISTING RESILIENT FLOORS

Armstrong recommends the removal of the existing resilient floor. If this is not practical, adequate care should be taken to ensure the existing resilient floor is to an acceptable standard to receive new floorcoverings.

The existing resilient floor must be smooth (not textured, or embossed, enough to show through the final installation), completed and firmly bonded and properly installed on recommended subfloors. Existing resilient floor must not be cushioned, and must have no evidence of moisture, alkaline salts or hydrostatic pressure. Polish and other finishes should be removed from existing floor covering by thorough stripping. Indentations and damaged areas should be replaced or repaired. Installation over existing resilient floors reduces resistance to indentations.

NOTE – Existing resilient flooring may contain asbestos fibres which are not readily identifiable. You should note the details under **WARNING – ASBESTOS CONTAINING MATERIAL** set out later in these instructions before you carry out these steps. **ADDITIONAL OPEN TIME OF FLOORING ADHESIVE MAY BE REQUIRED TO REDUCE ENTRAPMENT OF AIR UNDER MATERIAL WHEN LAYING OVER EXISTING RESILIENT FLOORS.**

EXPANSION JOINTS:

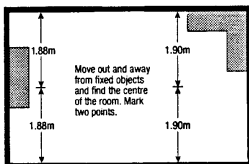
Armstrong does not recommend that resilient floorcoverings be installed across expansion joints. Various expansion joint covers are available and should be specified by the architect or agreed between the contractor and the purchaser.

JOB CONDITIONS:

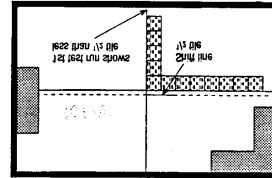
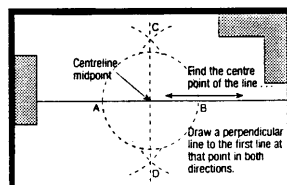
Job conditions should be as outlined in Australian Standard AS 1884-1985-3-1. Temperatures in areas to be covered should be maintained at a minimum 18°C for 48 hours prior to, during and after installation. Please note that cold subfloors have considerable influence on the open time of flooring adhesive.

DIRECTIONS:

1. Mark off room

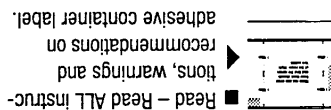


- **Find** – At both ends of the room, find the centre point between the two longest parallel walls.
- **Connect** – Divide the room in half by connecting the centrepoints with a chalkline.
- **Mark** – Mark the midpoint of this centre line.

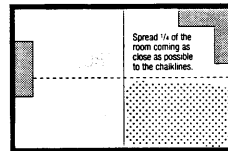


- **Strike** – Strike a chalkline at 90° to the centre line using a radius method.

- **Test** – Make a “dry” run. Without spreading any adhesive, place a row of tiles along perpendicular chalklines out to two adjacent walls. (If you’re installing over existing tiles, stagger the joints).
Original line with a damp cloth.
Erase width from the original line. (Erase width, strike a new chalkline 1/2 tile wall. If the space is less than 1/2 tile between the last FULL tile and the Measure the distance
- **Retest** – Repeat dry run in both directions until you have half a tile width or more at every wall. The point where the last two perpendicular lines cross is the starting point for installing tiles.



2. Spread adhesive

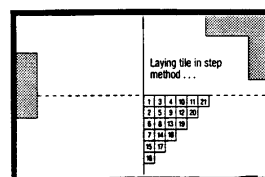


- **Spread** – Cover 1/4 of the room with Armstrong Tile Adhesive.
- **Wait** – Allow adhesive to “set” according to manufacturer’s instructions.

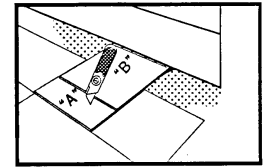
3. Install your new floor

- **Start** – Starting where the perpendicular lines cross, firmly press the first tile into place. Make sure edges are flush with chalklines.

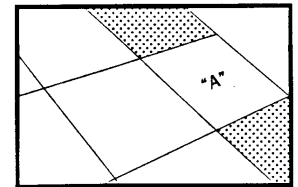
- **Follow** – Follow directions in the instructions to lay ALL FULL tiles in the first 1/4 of the room. Make sure edges are flush against adjoining tiles and chalkline.



avoid contact while fitting border tiles: if you are using adhesive, be careful to avoid contact with the border tiles.



- **Place** – Place a loose tile (A) exactly on top of the last full tile. Make sure arrows point in proper direction.
- **Place** – Place another full tile (B) on top of tile (A), with edge against wall.
- **Mark** – Using the edge of the top tile (B) as a guide, mark top of tile (A) with a knife.
- **Cut** – Cut tile (A) along mark with a knife. Do not cut on top of installed tile.



- **Install** – Tile (A) now fits snugly between last full tile and wall. Press tile firmly into position.
- **Complete** – Finish the first 1/4 of the room by repeating this procedure for the rest of the border tiles.
- **Roll** – Roll tiles with a 45kg roller.

5. Finish the installation

- **Repeat** – Finish installing tiles in the rest of the room. Follow the same steps as before, completing 1/4 of room at a time.
- **Roll** – For a complete bond between tile and subfloor, tiles **MUST** be rolled.

WARRANTY

Product:

Armstrong warrants its regular (first quality) products to be free from manufacturing defects for five (5) years from the date of purchase. This warranty is extendable to **ten (10) years** should the recommended Armstrong engineered installation system be followed.

Installation:

Armstrong warrants the installation integrity of these products for **ten (10) years** from the date of purchase. Installation integrity means that the products are installed according to Armstrong's expressed written recommendations using the Armstrong engineered installation system.

NOTE: Vinyl flooring manufactured in Australia after January 1, 1984, **DOES NOT** contain asbestos. However, regulations, codes and directives as to the best method of handling asbestos do exist and it is the obligation of the installer to ensure that practices used are safe, without risk to health, and meet all legal requirements.

**ALL ARMSTRONG WORLD INDUSTRIES (AUSTRALIA) PTY. LTD.
FLOORCOVERINGS, ADHESIVES & ACCESSORIES ARE MANUFACTURED ASBESTOS FREE**



WARNING

Do not sand, dry sweep, dry scrape, drill, saw, beadblast, or mechanically chip or pulverise existing resilient flooring, backing, lining felt or asphaltic 'cut-back' adhesives.

These products may contain either **asbestos fibres** or **crystalline silica**.

Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard.

Smoking by individuals exposed to asbestos fibres greatly increases the risk of serious bodily harm.

Unless positively certain that the product to be removed is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content.

Note: Vinyl flooring manufactured in Australia after 1st January, 1984 **does not** contain asbestos.

Disclaimer – Asbestos issues

The warnings and guidance contained in these instructions in relation to the potential for asbestos in floorcovering materials are given in good faith. However, regulations, codes and directives as to the best method of handling asbestos are under continual revision. It is the obligation of the installer to ensure that practices used are safe, without risk to health, and meet all legal requirements.

Armstrong World Industries (Australia) Pty. Ltd. accepts no liability for any loss, costs, expense or injury, however incurred, arising from the presence of any asbestos in any floorcovering materials or asphaltic 'cut-back' adhesives and/or any reliance placed upon the procedures and recommended practices contained in these instructions.

Initial Care:

After installation is completed:

1. Remove all debris from floor

Allow 48 hours before carrying out the following:

2. Damp mop / scrub floor using good quality neutral cleaner (Armstrong ONCE N' DONE). (If floor is badly soiled, then strip back using Armstrong NEW BEGINNING and rinse well.)
3. Apply 2 – 4 coats of Armstrong SHINEKEEPER long lasting polish. (Allow 30 minutes between coats.)
4. Dry burnish (optional as required).
(mid sheen: red pad – high sheen: white pad)

For detailed maintenance instructions please see the relevant Armstrong maintenance guide.

**For Further Armstrong Information
Freecall 1800 632 624
www.armstrong-aust.com.au**