



ARMSTRONG FLOORING – LUXURY VINYL PLANK

NATURAL CREATIONS® 2.5mm

NATURAL CREATIONS® XL 5.0mm





Installation Instructions

USE AREA CLASSIFICATIONS

Use areas are defined by testing to EN 685, Classification of resilient, textile and laminate floor coverings.

For the purpose of this warranty the following are Armstrong Flooring recommended use areas for the listed Armstrong Flooring Luxury Vinyl Plank and Tile products.

Domestic (Residential) – Areas intended for private usage; **Commercial** – Areas intended for public and commercial usage; **Industrial** – Areas intended for usage by light industry.

Use area class	Description	Examples	Natural Creations 2.5mm	Natural Creations XL 5.0mm Plank
Domestic 23 (Heavy) 	Areas with high usage (Heavy traffic; suitable for all areas)	Living rooms, entrance halls, dining rooms and corridors	Recommended	Recommended
Commercial 31 (Light/Moderate) 	Areas with low or occasional usage	Hotels, bedrooms, conference rooms, small offices, boutiques, shops	Recommended	Recommended
Commercial 34 (Very Heavy) 	Areas with intense usage	Multipurpose halls, counter, halls, department stores	Recommended	Recommended
Light Industrial 42 (General) 	Areas where work is mainly standing and/or with vehicle traffic	Storage rooms, electronic assembly	Recommended	Recommended

INSTALLATION INSTRUCTIONS

Armstrong Flooring – Luxury Vinyl Plank/Tile (LVT/P)

INSTALLATION OF NATURAL CREATIONS 2.5mm LUXURY VINYL PLANK/TILE

Materials shall be installed in accordance with AUSTRALIAN STANDARDS 1884 – 2012 Floor coverings – Resilient sheet and tiles – Installation practices.

The **Natural Creations 2.5mm LVT/P** bond directly to the prepared subfloor using Armstrong Flooring **LVT-100 adhesive**. Trowel adhesive on to the floor using a V1 notched trowel and then back roll with a short nap paint roller to remove trowel lines. Place Luxury Vinyl planks into wet adhesive and roll with a 45kg roller. Repeat the rolling process minimum 2 hours later to achieve maximum transfer contact to the floor.

- Cabinets and or counters should not be installed on top of the Natural Creations luxury vinyl planks/tiles.

INSTALLATION OF NATURAL CREATIONS XL 5.0mm PLANK/TILE

Materials shall be installed in accordance with AUSTRALIAN STANDARDS 1884 – 2012 Floor coverings – Resilient sheet and tiles – Installation practices.

The **Natural Creations XL 5.0mm LVT/P** bond directly to the prepared subfloor using Armstrong Flooring **LVT100 adhesive**. Trowel adhesive on to the floor using a V1 notched trowel. Lay the LVT/P onto the adhesive and roll immediately in both directions with a 45kg roller.

- In areas subject to heavy traffic and or rolling loads use Armstrong Flooring LVT-100 adhesive and make sure a full wet transfer is achieved. Trowel adhesive on to the floor using a V1 notched trowel. Lay the LVT/P onto the adhesive and roll immediately in both directions with a 45kg roller.
- Cabinets and or counters should not be installed on top of the Natural Creations XL.

IMPORTANT: PRE-INSTALLATION CHECKLIST

Natural Creations 2.5mm Luxury Vinyl Planks/Tiles and Natural Creations XL 5.0mm Plank.

Before installing this material, check:

- Has the product been acclimatised correctly?
- Is this the correct
 - Product?
 - Colour?
 - Pattern?
 - Dimensions?
- Does this stock match the customer's expectations?
- Have you read and are you following the installation recommendations?
- Check all planks in daylight before and during installation. Planks with minor defects can be used for cuts.
- Any defects must be reported back to the store of purchase for an immediate replacement or refund. **Claims relating to surface/visual defects may not be accepted after installation.**

KEYS TO SUCCESSFUL INSTALLATION OF;

Natural Creations 2.5mm Luxury Vinyl Planks/Tiles and Natural Creations XL 5.0mm Planks/Tiles

Proper conditioning of both the job site and the flooring is required. All Armstrong Flooring Luxury Vinyl Plank & Tiles should not be exposed to sudden changes in temperature or moisture/humidity. The area to receive the flooring materials and adhesives should be maintained between 15°C and 28°C for 24 hours before installation, during installation, and for 24 hours after completion. Maintain temperatures between 15°C and 28°C thereafter. Store, transport and handle all Armstrong Flooring LVT/P so as to prevent any distortions. Store cartons flat – never on edge. If distortions do occur, they will not disappear over time. Ensure that the planks/tiles are flat at time of installation.

For **Natural Creations XL 5.0mm**, do not compress the edges of the planks in any way when installing other flooring materials next to Natural Creations XL. Installations of carpet, metal strips and other transition mouldings should not pinch the flooring and should allow for slight movement wherever practical.

Protection:

When installed protect all Armstrong Flooring Luxury Vinyl Planks floor from heavy rolling loads, other trades and appliances by using sheets of plywood or MDF.

CAUTION!

- All Armstrong Flooring Luxury Vinyl Planks/Tiles should not be exposed to direct sunlight for prolonged periods, this can result in discoloration. The use of curtains or blinds to minimize sunlight exposure is recommended.
- All Armstrong Flooring Luxury Vinyl Planks/Tiles should only be installed in temperature-controlled environments. It is necessary to maintain a constant temperature (15°C to 28°C) 24 hours before the installation, during the installation and 24 hours after the installation*.
- Excessive temperature changes will cause expansion and contraction of the Luxury Vinyl Planks/Tiles. The Armstrong Flooring Luxury Vinyl Plank/Tile installation system requires the use of Armstrong Flooring PU-100 (2 part polyurethane) hard set adhesive for areas where extreme temperature changes will occur*.
*For added security and to reduce possible movement (growing/shrinking) Armstrong Flooring recommend to install all Armstrong Flooring LVT/P on a hard set polyurethane adhesive (Armstrong Flooring PU-100) in front of large windows or where maintaining consistent temperature (15°C to 28°C) is an issue.
- Armstrong Flooring recommends the covering of windows to enable installation of planks/tiles prior to adhesives setting prematurely when exposed to radiant heat/sunlight.

Substrates:

All substrates must be structurally sound, dry, clean, flat (no gap greater than 4.0mm beneath a 2.0 metre straight edge) and smooth with minimal deflection. Substrates must be free from excessive moisture or alkali.

Suitable substrates for all Armstrong Flooring LVT/P include:

- Concrete – Ensure concrete is dry and smooth.
- Suspended wood subfloors (with a minimum of 400mm well ventilated space underneath) – Ensure that this is covered with an approved underlay.
- Single-layer, fully adhered, existing resilient floors – must not be foam-backed or cushion-backed. – Joints must be smoothed with an approved compound.
- Ceramic tile, Terrazzo and Marble – Floor area must be smoothed with a 3mm approved cement based smoothing compound.

FOR CONCRETE FLOORS

IT IS A REQUIREMENT OF AUSTRALIAN STANDARDS 1884 – 2012 THAT A MOISTURE TEST IS CONDUCTED IN ACCORDANCE WITH APPENDIX A 3.1.2

The area to receive the Armstrong Flooring Natural Creations LVT/P resilient flooring materials and adhesives should be maintained between 15°C and 28°C for 24 hours before installation, during installation, and for 24 hours after completion. Maintain temperatures between 15°C and 28°C thereafter.

Radiant heated substrates must not exceed a maximum surface temperature of 28°C.

For technical information or assistance please contact your Sales Representative.

Mechanically remove (e.g. diamond grind) old adhesives, dirt, paint, varnish, wax, oils, solvents, curing agents and any other foreign matter or contaminants that could cause staining or interfere with the bond of the new primer or adhesive.

Do not use products containing petroleum, solvents or citrus oils to prepare substrates as they can cause staining and expansion of the new flooring.

High spots and low areas on the substrate should be ground or levelled with appropriate self-levelling underlayments.

Embossed ceramic tile floors, ceramic and marble grout joints, and irregularities in concrete should be filled and smoothed using a 3mm coat of self-levelling underlayment such as Ardex K15 (follow manufacturers instructions).

After preparation work, sweep and vacuum the entire work area to remove all dust and debris.

Best practice for concrete floors – Use Ardex P51 to prime the concrete floor and let dry completely before spreading the LVT100.

SETTING OUT

It is important to plan how the material will be set out prior to installation.

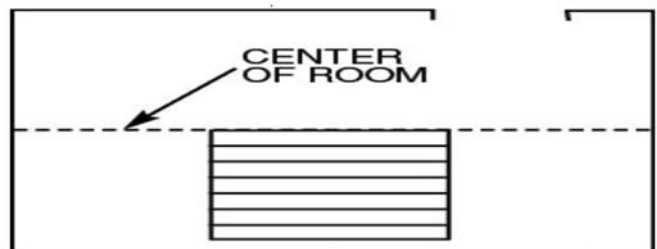
Most installations will need approximately 10% cutting allowance added to the total square meters of the area.

Determine which direction the planks will run; usually the planks will run the length of an area.

Find the centre of each of the end walls (the walls perpendicular to the long dimension of the planks) and place a pencil mark on the floor. Connect these points by striking a chalk line down the centre of the room.

Ensure plank joints fall at least 150mm away from subfloor, control or underlayment joints. Do not install over expansion joints.

Carry out a dry layout of planks from the centre line to the wall running parallel to the long direction of the planks to determine the width of the last row of planks.



Avoid cutting in pieces less than half the plank width or tile size, if you find the cut in planks or tile will be less, the centre starting line should be moved to allow for minimum half the plank or width. This will “balance” the room and provide for a larger cut piece at the wall.

NOTE:

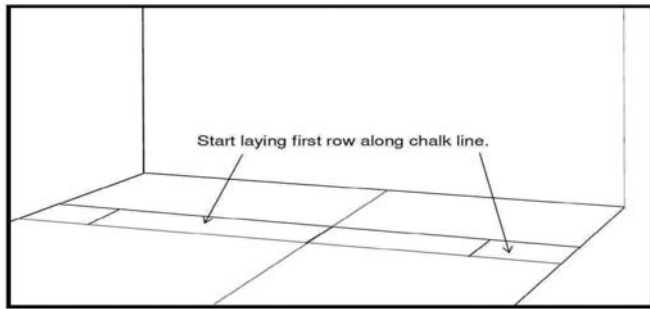
- The plank end joints should be staggered a minimum of the width of the plank or greater (but no less than 150mm).
- Cabinets and or counters should not be installed on top of the Natural Creations XL 5.0mm Luxury Vinyl Planks/Tiles.

INSTALLATION:

Ensure tiles are acclimatised to the temperature of the substrate which should be between 15°C & 28°C (AS1884-21012), use an infrared thermometer to check plank & substrate temperature.

Planks are easily cut with a tile cutter or by using a straight edge and utility knife. Score the face of the plank several times and snap it.

Installations should start from the centre line parallel to the longest straight wall in the room.



Start by placing a 2 metre straight edge on the floor along the centre line to keep the planks and tiles square.

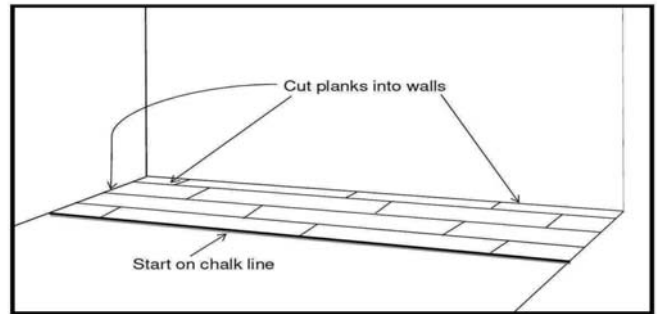
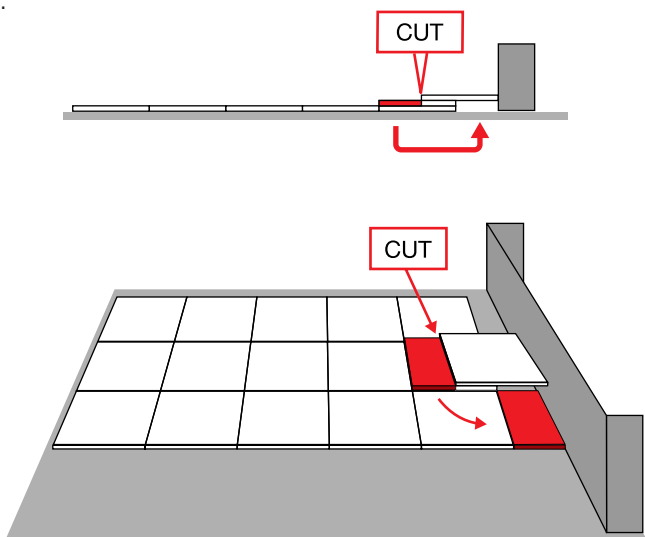
- Place the planks/ tiles tightly against the straight edge
- Move the straight edge along the centre line as required.
- Fit the plank face edges tightly and neatly together.
- Press planks/ tiles tightly into place to obtain an adhesive bond
- Start the second row from the end wall with a piece cut to about 2/3 the length of a full plank.
- Use one hand to hold the plank, and the other hand to guide the edges into place by lowering the plank as you go.
 - If the joints are not tight, pull up the plank and reposition it immediately.
- Keep the end joints staggered a minimum of the width of the plank or 150mm in adjacent rows.
- Scribe the last row of planks to the wall using the tile on tile, bar scriber or template methods.

Procedures recommended for fitting to walls and fixture include straight, tile on tile or pattern scribing.

TILE ON TILE CUTTING IN

After the field tiles have been installed, proceed to install the tiles around the perimeter, mark and cut the tiles using the tile on tile method.

- Place the Tile/Plank to be cut onto the last Tile/Plank installed.
- Place a third Tile, as Reference, touching the Wall.
- Mark with a knife the Tile/Plank to be cut along the side of the Reference Tile/Plank.
- Make a clean cut of the Tile/Plank (in red) and install into place.



Roll each section in two directions (length and width of room) immediately upon completion with a 45kg, three section roller. Re-roll the entire floor after a minimum one hour in two directions (length and width of room).

NOTE: The installed adhesive must be protected from other trades to prevent dust, debris or traffic from interfering with the adhesive's performance.

CAUTION: Always maintain a tidy worksite (remove dangerous items and slip/trip hazards)

Be sure to keep any spare planks in case there is a future unforeseen need for a replacement.

FINISHING THE INSTALLATION

Replace any quads, moulding or skirting. Nail the quads, moulding or skirting to the wall surface (not through the flooring).

For Natural Creations XL 5.0mm, at doorways and at other areas where it may meet other flooring surfaces, it is preferable to use a trim to cover the exposed edge but not pinch the planks/tiles. Leave a gap between the planks and the adjoining surface.

Protection:

When installed protect all Armstrong Flooring Luxury Vinyl Planks/Tiles floor from heavy rolling loads, other trades and appliances by using sheets of plywood or MDF.

When replacing appliances, or whenever moving heavy furniture over the flooring, place a wood panel under the object. Without moving the panel, slide or roll the object over it. Follow with additional panels as needed as this prevents scratches and tears to the Armstrong Flooring Luxury Vinyl Planks or Tiles.

ARMSTRONG FLOORING PTY LTD

FLOORCOVERINGS, ADHESIVES & ACCESSORIES MANUFACTURED IN AUSTRALIA AFTER 1st JANUARY, 1984 DO NOT CONTAIN ASBESTOS



WARNING

Vinyl flooring and adhesives manufactured in Australia prior to 1st January, 1984 may contain asbestos.

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.

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.

Where do I go to find out more about asbestos?

Asbestos Awareness www.asbestosawareness.com.au – provides information

on a state by state basis about the dangers of asbestos, asbestos removal, who to contact and other important information.

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.

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 Flooring 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.

Armstrong Flooring Pty Ltd

29 – 39 Mills Road, Braeside, 3195 Victoria Australia

For further information and samples:

Australia Freecall 1800 632 624

Email customer_services@armstrongflooring.com or contact us on the web

www.armstrongflooring.com.au