



# SPC HYBRID WALLS

www.auslayindustries.com.au

Stone Plastic Composite Rigid Core Click Plank known as hybrid wall cladding

Rural Series - "INTERNAL FEATURE WALLS VERSION"

## INSTALL GUIDE - INTERNAL FEATURE WALLS

### General Guidelines for Installation of your SPC Flooring

Some precautions need to be followed:

**\*\* Our manufacturer has tested for any traces of silica and phthalates in our SPC Hybrid flooring and have acknowledged that there is zero trace.**

All planks that leave our manufacturer are subjected to vigorous batch controls as well as checks for visual defects. Always, as a precaution, check for any visible defects and discard any planks you may deem to be imperfect.

Please Refer to our SPC warranty information to ensure the longevity of you SPC Flooring.

This product should only be installed in interior spaces within the temperature range of 5°C -50°C. c. If product is to be laid from different batches, it is essential these batches be well blended to ensure a uniform visual. Always allow a 3-5mm expansion gap between the SPC plank and the internal wall junction or the wall floor junction.

Do not slip, drop or store boxes on sides or ends and acclimate unopened boxes to room temperature for a minimum of 48 hours prior to installation in a temperature controlled environment between (18°C) and (28°C).

Check that all flooring boxes are labelled with identical batch numbers. Prepare tools (utility knife, straight edge, measuring tape, shear/ snips (to cut around irregularly shaped objects). Verify enough flooring material is on hand to complete installation and prepare additional 10% for mistakes, trimming and future needs, additional material requirements may vary with room size and lay out.

### Wall preparation

**Do not install over loose sheeting, flaky paint or any oily residue**

**Install only in internal areas**

**Do not install in showers where it is subject to any water.**

All Walls must adhere to Timber Structures and *Framing* ; AS 1684.2-2010 . The wall surface must be smooth, flat, dry, clean and rigid. Imperfections measuring greater than (4mm) should be repaired by plastering or removing existing sheeting and straightening the studs. On masonry surfaces , grind and bumps out and fill any low spots with a Portland cement based render.

Remove any existing base moulding and/or skirting and door mouldings before starting.

**Masonry walls :** All walls must to adhere to AS3700. Wall surface must be smooth, flat, dry and clean. Imperfections measuring greater than (4mm) should be repaired by grinding bumps or ridges or filling voids with Portland-based patching compounds suitable for your substrate. Acceptable moisture levels in concrete according to ASTM standard, when testing via ASTM F2170, the RH level of a concrete slab needs to be at or below 75%.

\*If moisture is present we recommend using a water-based epoxy primer to prevent any issues.

**Existing wall coverings** ( tiles, vinyl, timber, painted, plasterboard, villaboard) Wall surface must be smooth, flat, dry, degreased, clean and rigid. Imperfections measuring greater than (4mm) should be repaired by sanding bumps or ridges or filling voids with patching compounds. We recommend straightening any bowed walls and re-sheeting if it is greater than 2mm. If fixing over an impervious surface, ( such as tiles or a painted surface ) we recommend using an appropriate bonding primer suitable for this situation. eg. Mapei eco prim grip or similar. Ensure that all walls are clean and dry before installing SPC hybrid.

**Plywood , compressed sheeting, wood substrates, Masonite, chipboard sheeting, plasterboard.** All Walls sheeting must comply with and not exceed the building codes maximum deflection limit :  $L/360$  . Sub-wall surface must be smooth, flat, dry, clean and rigid. Imperfections measuring greater than (4mm) should be repaired by sanding bumps or ridges or filling voids with appropriate patching compounds. Priming of the substrate surface will be required if it has a sealed coating. Check with a splash of water to see if there is any absorption. If the water beads and does not absorb, prime with a non-porous primer.

**Direct stick** ( use recommended MS adhesives suitable for SPC hybrid only – we can recommend : Adheseal PU25, Sika stick n seal, RLA Max MS, Bostik Extreme, Soudal high tack, T-REX fast grab.

### **SPC Hybrid Wall installation**

Work out the layout of the room before beginning. When ready, mark your first planks starting line using a level line. Begin installing by laying the first row from left to right with the extended upper tongue side towards the minimum gap of (3mm) up to (6mm) and the extended lower tongue upwards away from the floor.

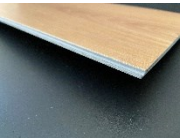


Apply a generous bead of MS adhesive to the back of your hybrid plank. Be careful not to get any on the front face. Press firmly against your prepared wall , ensuring the adhesive is squashed and spread between the SPC hybrid and the wall.



Interlock short ends by inserting the tongue side into the groove at an approximate angle of 20°.

Properly locked planks will have a near seamless appearance & are not easily pulled apart. Repeat this procedure until the first row is complete.



Insure the first row is straight by using a spare plank to align the seam. This is essential for a secure installation & straightness in successive rows.

Plank can be cut with a straight edge and utility knife. Simply line up the straight edge, score the plank until you have penetrated the clear wear layer, and snap.

Begin laying the second row by inserting the long edge into the long groove edge of the first row at approximately 20 degrees until fully inserted and then drop flat.



When laying subsequent rows, it is essential to stagger joints to insure planks are adequately mixed to achieve a random appearance in the flooring. We suggest using the cut end of the last plank of the first row as first plank of the second row. Appearance can be altered to suit your taste.

In order to lay the next plank, lock the short ends with the long edges slightly apart taking care to insure the lock is solid and seam is even.

Carefully lift the plank to a 20° angle and lock the long edge by sliding the tongue into the groove edge. Properly installed planks will have a minimal visible seam. Continue installing second row in the same fashion and cut the final plank of the row taking care to leave the same approximate gap between the plank and wall. Repeat these installation steps until all rows are complete. Cut in the last row, making sure to leave the 3mm – 5mm gap against the wall. This gap can then act as an expansion joint. Refit any base skirting boards. If your SPC hybrid wall is finished with an exposed edge against another wall, fit a trims or scotia bead to terminate the edge Remember to allow for expansion of the hybrid.

## **Maintenance**

Daily cleaning for best results, use only neutral pH cleaners and disinfectants.

Remove spills as soon as possible and rinse with clean, warm water – no flooring products are impervious to every chemical such as solvent, ect. Avoid rubber and petroleum-based products tires, casters, floor mats. Asphalt sealers, ect which may contain chemicals that can permanently stain flooring. Install walk-off mats to avoid up to 80% of tracked-in dirt, grit and debris.

Always avoid flooding the surface with detergent solution or rinse water and always take care to remove liquids from the surface.

Failure do so may result in a hazy appearance as detergent or soil from **rinse water may be redeposited on the surface.**

## **Warranty – ( PLEASE REFER TO OUR WARRANTY CONDITIONS PDF )**

Auslay Industries does not warrant any fading caused by long term exposure to UV light sources. It is recommended that any areas subjected to this direct light exposure be protected by means of shade coverings to reduce ultra-violet light entering. Auslay Industries does not warrant warping or gapping caused by any structural and or subfloor movement, or any warping or gapping that may be caused by extreme changes in temperature. All planks leaving our manufacturers factory are subjected to vigorous batch controls, as well as checks for visual defects. Always check for any visible defects and discard any planks you may consider to be imperfect before installing. Auslay Industries will not be responsible for any SPC planks that have been installed with visual defects. Auslay Industries will not be responsible for scratching the surface or staining the surface of the SPC flooring as it is classed as resistant only. \*\* note : the use of steam mops are not recommended for any use on SPC flooring as it can damage or discolour the surface.