



LAYING INSTRUCTIONS FOR PEGULAN LUXURY SHEET VINYL

This leaflet is designed as a guide to the successful installation of Pegulan sheet vinyl flooring. Please read carefully and follow the recommendations. Failure to do so may lead to problems that will affect the performance of the vinyl. **It is the installer's responsibility to make sure the floor is laid to the manufacturers recommendations.**

Before installing Pegulan flooring always make sure prior to cutting that material is as ordered, and that it is inspected under good lighting conditions for pattern match, defects, shading, colour variation or damage. **Allow vinyl to acclimatise to room temperature for at least 24 hours. Suitable temperature range for installation is 18C-28C.** Check for materials, which should be reversed and mock matched to eliminate edge shading variation. This applies in particular to plain and diagonal patterns. Pattern matches are printed on samples in both stand and sample books. When ordering material make sure you have enough for pattern matching, etc. as we cannot guarantee any extra requirement will be from same roll or batch.

Sub-Floor Preparation:

When laying sheet vinyl the condition of the sub-floor is of the utmost importance and its suitability essential for a successful installation. Pegulan vinyls can be laid over most sub-floors provided they are sound, hard, firm and level. Where hydrostatic pressure, moisture or alkaline conditions exist, the installation of Pegulan vinyl is specifically not recommended. **The sub-floor must be clean, dry, firm, level and smooth, and free from dust, wax, oil, paint, grease, Builder's crayon or markers, underlay residue or other substances which could be harmful to vinyl or adhesive. If required, remove any contaminants by mechanical means. Do not install over existing floor coverings as any such installation may void warranty. At all times refer to Australian Standard AS1884-2012 "floor coverings – resilient sheet and tiles – laying and maintenance practices."**

Timber Sub-Floors:

All timber sub-floors should have at least 400mm of well ventilated space below. If necessary additional ventilation should be fitted to ensure correct cross flow of air. All boards must be securely fixed to joists and any faulty boards replaced. Timber boards or panels should be sanded to a level and smooth finish and then covered with a suitable Hardsheet Underlay in minimum panels 1220mm x 915mm or Fibre Cement Underlay in panels 1200 x 900mm. **Note: Hardsheet Underlay is not considered suitable for use in wet areas, Fibre Cement Underlay should be used. Underlay should be installed strictly as per relevant Manufacturer's specifications to ensure best results.** Underlay minimises the amount of sub-floor show through but may itself show through vinyl under certain circumstances such as building movement, strong light conditions or incorrect preparation and installation.

Special attention is required if installing vinyl over chipboard, plywood and water proof pyneboard. All these surfaces must be firmly fixed to joists and should still have Hardsheet Underlay or Fibre Cement Underlay correctly installed over them, as per Manufacturer's instructions. The alternative to this is to completely sand the surface, to remove any contaminants then carry out a loose lay installation as per below. **Customers must be notified that joints in chipboard may show through and that vinyl can be damaged or distorted when the chipboard expands and contracts.**

Any problem with underlay should be referred to relevant supplier or manufacturer of Underlay. Pegulan will not be responsible if joints of timber, floorboards, hardboard of other floor irregularities show through vinyl. It is the installer's responsibility to ensure that sub-floor is suitable and well prepared for vinyl coverings and that all necessary preparation and precautions have been carried out.

Concrete Sub-Floors:

Pegulan vinyls can be laid on new or existing concrete sub-floor, including those that incorporate under-floor heating. Direct to earth concrete floors must have a suitable damp proof membrane installed. Before a floor covering is laid on a concrete substrate or screed underlay, the dryness shall be determined using either the hygrometer or hood test as described in AS1884 -2012 Appendix A. All chips or cracks should be filled with a suitable compound and any irregularities removed by grinding or sanding to ensure a smooth, even and level surface. Absorbent or dusty concrete should be primed with suitable primer prior to application of adhesive, check adhesive manufacturer's recommendation.

Prior to Installation:

Always reverse roll material first and allow material to acclimatise to room temperature. Match pattern from centre of seam out to the end of sheets. PEGULAN TOPAZ, ULTRA TX, LIFE TX, ARGO TX, APOLLO PLUS, STYLE TX and REGAL can be installed either fully adhered or loose laid. **This choice should be decided between Retailer, Installer and Consumer and agreed to in writing. Pegulan guarantee the quality of their products but not the installation as this is beyond our control.**

Loose Lay Installation:

PEGULAN TOPAZ, APOLLO PLUS and REGAL can be installed by the loose lay method if the total area does not exceed 25m². All PEGULAN vinyls with TX® felt backing can be loose laid to larger areas, however care needs to be taken in complex layouts such as multi room installations or where island benches, fixed cabinetry etc exist to ensure product does not buckle. **This method of installation is specifically not recommended in areas of heavy traffic or when the use of roller-casters (ie Caster Chairs) is required or in areas exposed to prolonged direct sunlight or standing water.** It is also recommended that in areas where refrigerators, dishwashers or other heavy objects are to be constantly moved then the vinyl should be glued down. It is imperative that all joins of loose laid vinyls are cold welded with an appropriate seam-sealer. **Do not use adhesive or tape at joins as this will invariably cause buckling.**

Pegulan vinyls are highly stable materials and will not shrink or curl when correctly loose laid, but due to our variable Australian climate, sudden or prolonged hot weather can temporarily cause a slight growth in the vinyl, (as it does in concrete and steel rails). Therefore it is important that a gap of approximately 1-2mm is left around the perimeter of the material. **Failure to leave this gap can cause buckling of vinyl due to the material being forced against skirting, cupboards and or door frames. Do not adhere or use silicon on the perimeter of vinyl as this can also cause buckling. Re-trimming of vinyl after it has acclimatised for a week or two may be required.**

Full Stick Adhesive Installation:

For full stick domestic installation, adhesion of complete area is essential. **Do not perimeter stick products as bubbling will occur.** Use a hard set acrylic vinyl adhesive applied with a V1 notched trowel. **Do not use pressure sensitive type adhesives.** Check with adhesive manufacturer for product suitability as use of incorrect adhesive may void warranty. Any problem with adhesive should be immediately brought to the attention of the adhesive manufacturer and/or supplier.

Check Manufacturer's technical bulletins/data sheets for spread rate, drying times, etc, in all instances observe Adhesive Manufacturer's instructions. The minimum subfloor temperature is 10C. Adhesive selection is based on Adhesive Manufacturer's recommendation and any problems with adhesion must be referred to those companies. A gap of 1mm must be left around the perimeter of the material to avoid buckling. Once installed the vinyl must be well rolled into the adhesive with a suitable flooring "Roller", (eg: 22-32kg weight) to ensure full adhesive transfer to back of vinyl. Rolling of vinyl is of utmost importance, as any trapped air left under sheet will invariably cause bubbling. Do not allow heavy traffic for 24 hours. All joins must be cold-welded with a suitable seam-sealer.

All Pegulan vinyls installed for commercial applications must be fully adhered.

Seam-sealing Joins:

Pegulan recommends that all joins should be cold welded with a suitable Seam-sealer. This applies for both loose lay and full stick methods of installation. Please follow the seam-sealer manufacturer's recommendations when cold-welding joins. **Particular care should be taken when seam-sealing products with a PU or PUR surface as the excess cold welding fluid does not bond to these surfaces.** We recommend the following technique.

1. Cover the completed seam with smooth masking tape (not crepe paper)
2. Carefully cut through the tape with a sharp straight blade running exactly in the seam.
3. Weld the seam, making sure that the applicator needle is pressed firmly into the seam. (The remaining strips of tape may be removed after approx. 10 minutes when the fluid has dried).

Ensure that all furniture is equipped with plastic glides, or cups, with a large bearing surface sufficient to prevent indentation. Protective mats must be used under all caster chairs. Always lift, do not drag heavy items over vinyl flooring, alternately walk them on sheets of hardboard or ply.

**Please leave our maintenance leaflet with consumer.
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The above information has been printed in good faith. Conditions of use will vary and be beyond our control. Therefore all recommendations and suggestions are made without accepting liability.

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