

INSTALLATION GUIDELINES

RESIDENTIAL SHEET VINYL



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GENERAL CONDITIONS

A good preparation is essential for a smooth installation. *Residential Sheet Vinyl* can be installed on concrete, timber, ceramic and many other sub-floors which have been suitably prepared.

The effective application of *Residential Sheet Vinyl* is dependent on suitable site conditions.

Residential Sheet Vinyl must NOT be installed either externally or into unheated locations. It is possible to install *Residential Sheet Vinyl* flooring over floors incorporating underground heating, but these must be insulated to ensure surface temperature does not exceed 27°C. It is recommended on a new concrete slab that the heating is operational for several days prior to installation to reduce moisture in slab. Three days prior to installation, lower to 18°C. 24 hours post installation, gradually increase in increments of 3°C per day until it reaches the maximum operating temperature of 28°C, before being turned back to its normal household temperature.

SUBSTRATE PREPARATION

Careful sub-floor preparation as per current AS 1884 is vital for an excellent floor appearance and good installation. The sub-floor must be hard, flat, smooth, clean, dry, and free from defects, contaminants and fit for purpose.

A suitable levelling compound or underlayment should be used to ensure that no irregularities show through to the surface of the finished floor. However, the selection of suitable materials, including smoothing and levelling compounds and any ancillary products is dependent upon the end use of the completed flooring, and must be agreed by the supplier of the preparative materials and the installer.

Any proprietary materials used for floor preparation must be used in accordance with the manufacturers' recommended instructions.

In all cases, the sub-floor must be sufficiently dry and the RH (relative humidity) checked to ensure it is not greater than that of any proprietary materials that are being used when tested in accordance with current AS 1884.

Direct-to-earth concrete and stone sub-floors must have an effective damp proof membrane (DPM). Follow manufacturer's detailed instructions for the installation of a surface DPM and the use of levelling compound.

All particle board substrates require an underlay or underlayment.

The finished appearance of a *Residential Sheet Vinyl* floor will be as good as the quality of the base over which it is installed. Any irregularities in the sub-floor will show through the finished floor.

ACCLIMATISATION

Residential Sheet Vinyl performs to its specifications when laid at room temperature between 18°C – 28°C. The product should be acclimatised within the room it is to be laid at least 24 hours prior to installation. A constant temperature, fluctuating no more than 3°C per day and not below the required 18°C room temperature and 15°C floor temperature, should be maintained 24 hours before, during and after installation.

It is preferable to block out and lay the *Residential Sheet Vinyl* in place and away from vents and direct sunlight. It is recommended that you black out windows where direct sunlight streams in onto the floor to allow for continuity across the whole area to be laid.

PRE-INSTALLATION

1	Check all roll labels to verify the product type, colour, thickness and quantity matches the order.
2	Before installation, check all sheets in daylight to ensure that there is no visual damage, discrepancies in colour or sheen to the rolls or print layer.
3	Check the edges of the <i>Residential Sheet Vinyl</i> for damage and straightness.
4	Unroll the floor covering, loosely trim it in, and allow it to acclimatise at a temperature between 15°C and 28°C (ideally 22°C) for a period of at least 24 hours. Some indentations caused during transport may be visible for longer than 24 hours.
5	If any problems are apparent do not proceed, please contact Signature Floors Customer Service.
6	The surface beneath the floor must be sufficiently prepared in advance to guarantee successful fitting of the floor covering.

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RECOMMENDED ADHESIVES

Textile backed domestic *Residential Sheet Vinyl* can be installed without the use of adhesive.

Residential Sheet Vinyl is recommended to be installed with solvent free hard set adhesive with a V1 trowel for normal installations.

For domestic wet areas such as bathrooms, kitchens and laundries, Polyurethane adhesive may be required.

A list of approved adhesives can be found on our website www.signaturefloors.com.au or by calling 1800 150 554.

Important

Floor installation should not begin until the installer has assessed and approved the sub-floor and conditions.

INSTALLATION

Dry Lay

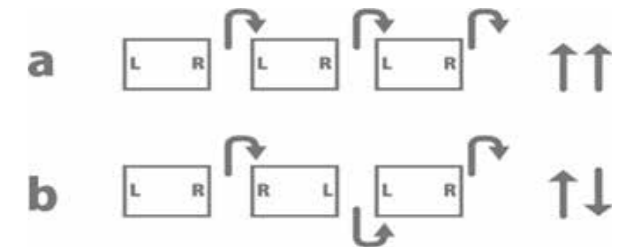
Textile backed products can be installed by the 'dry lay' method and are not restricted in size of area for installation. PVC backed *Residential Sheet Vinyl* can be dry laid if the total area does not exceed 28m². Total area means all connecting rooms. It is not advised to use this method in areas of heavy traffic or when the use of Castor Chairs or similar is required. It is also recommended that in areas where heavy objects are to be constantly moved then the *Residential Sheet Vinyl* should be glued down. It is imperative that all joins of loose laid *Residential Sheet Vinyl* are cold welded with an appropriate seam-sealer. Do NOT use adhesive or tape at joins as this will invariably cause buckling.

Allow the flooring to relax. If the substrate is wood, ensure the textile backing moves freely. Starting from the middle of the room, push the air pockets or waves towards the walls with a cork board or a 45kg roller. When the flooring is well relaxed cut the material at the perimeter of the room, allowing a 1mm expansion gap.

Fluctuations in the Australian climate may cause the *Residential Sheet Vinyl* to grow slightly. It is recommended on all dry lay installations to leave a 2mm gap around the perimeter. If this gap is not left and silicone is applied to the perimeter, this can impede the expansion of the *Residential Sheet Vinyl* resulting in

buckling. It may require re-trimming a week or two after installation once acclimatisation's complete.

NOTE: When cutting to size, please consider the nature of the design and pattern. In the case of wood designs and tile styles, it is recommended that every sheet is installed in the same direction (a). In the case that the design is one all-over colour or design, it is recommended that every sheet is rotated through 180° (b). If there is doubt, we advise to check with Signature Floors prior to commencement.



Full Stick Installation

Always adhere *Residential Sheet Vinyl* following adhesive manufacture's specifications and recommendations. Do NOT perimeter stick any installations. A gap of 1mm must be left around the perimeter to avoid buckling.

Check with adhesive manufacturer for product suitability as use of incorrect adhesive may void warranty. Any concerns with adhesion should be raised with the adhesive manufacturer.

Once installed, the *Residential Sheet Vinyl* must be well rolled into the adhesive with a suitable flooring roller of 45kg to ensure full adhesive transfer to back of *Residential Sheet Vinyl*. Rolling of *Residential Sheet Vinyl* is important to disperse any trapped air left under sheet that will cause bubbling. Do not allow heavy traffic for 24 hours.

SEAM PREPARATION

- When exceeding roll width, carefully measure the floor and mark a chalk line where the seams of the flooring will fall. In the case of wood sub-floors, make sure that the flooring seams will not fall directly on top of the substrate seams. Allow a minimum of 15cm between flooring seams and sub-floor seams.

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2. Using a metallic straight edge and a knife with a new blade cut through both layers of material in one pass.
3. Remove excess material.
4. Cover the seam with masking tape or similar to prevent any excess welding liquid coming into contact with the *Residential Sheet Vinyl* surface.
5. Cut through the tape at the seam, using a utility knife with a sharp blade. Apply the welding liquid as per the manufacturer's instructions, ensuring both hands are controlling the tube.

SEAM-SEALING JOINS

It is recommended that all joins should be cold welded with a suitable seam-sealer. This applies for both dry lay and full stick methods of installation. Please follow the seam-sealer manufacturer's recommendations when cold-welding joins. 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.

NOTE: Following installation 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 *Residential Sheet Vinyl* flooring.

For any assistance please contact Signature Floors on 1800 150 554.

WARRANTY

Further information is available in our *Residential Sheet Vinyl* Care & Warranty Guidelines from your place of purchase and Signature Floors website www.signaturefloors.com.au

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Signature Floorcoverings Pty Ltd
ABN 45 007 172 938
PO Box 1122 Epping 3076 VIC
13 Wurundjeri Drive, Epping 3076 VIC Australia
Tel: 03 9401 0888 Fax: 03 9401 0866
www.signaturefloors.com.au

