

## Recommended Installation Instructions — SmartDrop

This 5.3mm thick PVC SmartDrop Plank flooring has a raised non-skid green backing to improve friction between the plank and sub-floor, thus reducing lateral movement when walked on. The product also incorporates a glass fibre layer to minimise dimensional instabilities. The 0.5mm clear wear layer has a reinforced polyurethane coating.

The plank size is 177.8mm x 1219.2mm (7" x 48").

### 1. Pre-Installation

Installation procedures should comply with AS 1884 2012 (Code of Practice for the Installation of Non Cushioned Resilient Sheet and Tile) and in strict accordance with these installation instructions.

SmartDrop can be laid on the majority of subfloors and substrates, including: concrete and screed bases; quarry and ceramic tiles; timber substrates; existing resilient sheet and tiles; metal and poured floors, on the provision that the moisture level does not exceed 80% relative humidity using the In Situ Method. Subfloors should be level, firm, smooth, structurally sound and without cracks. Any grout lines or joints should be levelled to avoid eventual shadowing. Kenbrock Smartgrip 8012 can be applied to concrete substrates with pH readings of up to 10.

According to AS1884-2012, sub section 3.2.6.5, resilient flooring shall not be adhered directly to particleboard subfloors. However, there are two types of particleboard - those that have been treated to render them moisture resistant and those that are not, such as yellow tongue. Particleboard manufacturers of the untreated type state that these are not to be used with LVT. If in doubt, check with your particleboard supplier.

Therefore, SmartDrop can be laid directly onto particleboard, if the particleboard is so approved by the manufacturer for use with LVT. Particleboard not approved for use with LVT by the relevant manufacturer, due to it expanding with dampness & shrinking with dry heat, is unsuitable because the movement of the particleboard will lead to corresponding movements of the flooring affixed to it.

If installed on unapproved particleboard, no warranty against gapping or related consequences can therefore be provided, although in the case of gapping it will close up when the particleboard reverts to its standard size.

### Heated Subfloors

SmartDrop is suitable for installing on heated subfloors/underfloor heating with a maximum surface temperature of 28°C using permanent glue method which with a concrete subfloor is Kenbrock Evagrip adhesive.

Where underfloor heating units are installed the heating units should be;

- a. turned on prior to laying of the floor covering for a minimum of seven days to ensure that the moisture condition of the heated subfloor will permit successful laying of the coverings; and
- b. turned off 48hr prior to the commencement of installation to allow the subfloor to return to the temperature range recommended by the manufacturer of the floor covering. The heating units should remain turned off during the laying operations and should not be turned on again until 48hr after the laying is completed in order to allow the adhesive to set.

Once the heating unit is turned back on it should be increased at no more than 2°C per day until the desired temperature has been achieved, and should not exceed a temperature greater than 28°C.

Note: As underfloor heating may cause some localised hot spots which may be damaging to a newly laid floor, it is advisable to avoid maximum heating conditions for a period of seven days after installation.

## Temperature

All flooring materials must be allowed to condition to the room temperature a minimum of 24 hours before starting the installation. Please note boxes of planks must be stacked no more than four high. All planks must be removed from cartons 30 minutes before use. The room temperature should ideally be between 18 and 26°C for at least 24 hours before and during installation. After installation, the temperature should remain constant for 24 hours. As extremes of temperature can occur between the day and night times, it is essential that these be avoided. North facing windows and conservatories should be shaded to minimise daytime fluctuations. Heating systems, which are thermostatically controlled, should, when necessary, be left on during the night to achieve a constant temperature similar to that of the daytime.

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## 2. Installation

Ensure colours correspond to those ordered, quantities are correct and the product is from one batch. When installing different batches take care to randomly mix the planks from the different batches. Check backing to ensure there isn't any damage which may prevent the product from lying flat. When installing, the centre line must be determined and checked to ensure good size cuts will be fitted to the perimeter.

Planks should be staggered to obtain a random finish; it is advisable to ensure that plank ends are not within 150mm of adjacent planks.

Cut with a sharp knife from the face side, ensuring the cut is 90°, by scoring twice, the second score cuts the glass fibre reinforcement layer. Open up the cut by bending the plank, and then finish the cut at a 45° angle from the back side.

### SmartGrip Application

For all Commercial and Residential installations, it is necessary to use a full spread of Kenbrock SmartGrip 8012 PS adhesive to adhere the product.

In all types of installations, please fit the planks SNUG not tight against walls and fittings. Areas with high rolling loads should be fully glued down using Kenbrock Evagrip or Hardgrip adhesives across the total floor area.

## 3. Post-Installation & Maintenance

After installation use a brush, dry cloth or vacuum cleaner for cleaning. Where water/cleaning fluid is required, ensure the minimum is used. Again, use window coverings to protect the floor from heat and fading under direct sunlight. Dramatic temperature change of the flooring could cause joints to lip or gaps to occur.

### Daily

Mop, sweep or vacuum to remove loose dirt and dust. As required, spot clean with Kenbrock Maintain to remove stubborn marks.

### Weekly / Monthly

As required, clean the floor using Kenbrock Maintain, using a sponge or stringy type mop. If a rotary scrubber is used there is the possibility that some of the 'Loose Lay' product may be disturbed, especially if too much liquid has been used – use an absolute minimum to prevent liquid penetrating into the seams and joints.

The maintenance regime requires the installation of an effective barrier matting system.