

## Installation and Maintenance Guide

### SMARTDROP ULTIMATE

Smartdrop Ultimate planks are suitable for indoor residential use and light commercial installations. The plank size is 230mm x 1500mm with total thickness of 5.0mm.

#### IMPORTANT:

- Read all instructions before proceeding.
- Smartdrop Ultimate is only suitable for indoor use.
- Check for any visual defects or damage before and during installation, and return any damage product to the place of purchase. (Kenbrock will not be responsible for installation cost claims where flooring was installed with obvious defects)
- Subfloors must be clean, smooth, flat and dry.
- Installation temperature should be between 15 to 28°C, ideally at room temperature of 22°C.
- The flooring should be maintained in this temperature range thereafter. Protect your floor from excessive direct heat, temperature variation or direct sunlight using curtains, blinds and temperature controls.
- For best results assess the site and building conditions carefully. Installation should comply with Australian Standard AS1884-2012 for Floor coverings - Resilient sheet and tiles - Installation Practices. If you are unsure about any aspect of the installation, contact Kenbrock Customer Service.

#### Material inspection

Check each pack to ensure that batch numbers are the same. Inspect the product and do not cut, fit or install any material that has visible defects. Kenbrock will not be responsible for material installed with obvious defects.

#### Site conditions

The ambient temperature must be between 15 and 28°C. These temperatures must be maintained 24 hours before, during and at least 24 hours after the installation is complete. The boxes of planks must be stored flat in these conditions for at least 24 hours prior to installation. The planks must not be bonded if the temperature of the subfloor is less than 10°C.

#### Installation in areas of high heat or direct sunlight

Kenbrock strongly recommend that all precautions are taken to avoid the flooring being exposed to prolonged periods of direct sunlight. As required under Australian Standards the flooring should be protected with the use of blinds or curtains. In areas that may be exposed to direct sunlight or high heat from time to time Kenbrock recommends this section is installed using a two part heat and moisture resistant adhesive.

#### Installation on heated slabs

Smartdrop Ultimate can be installed on heated slabs provided the following precautions are taken:

- The heating must be switched on for at least 48 hours and then turned off again for at least 48 hours prior to installation. This is to remove any residual moisture created when the heating system was installed.

- The heating should remain off during installation and for at least 72 hours after completion.
- The heating should be turned on again and increased at the maximum of 2 degrees per day from ambient temperature to a maximum of 28°C.
- At no time should the maximum of 28°C be exceeded.

#### General subfloor requirements

Smartdrop Ultimate can be installed on almost any correctly prepared solid surface. Subfloor must be level, clean, smooth, flat and dry as stated in Australian Standards. Please ensure you sweep and/or vacuum debris before starting your installation.

#### Concrete Subfloors

Concrete should be constructed using good building practices and have an intact vapour barrier installed. Concrete should be flat and level to minimum deviation of 4mm over a 2m length at any point. If repair is required use a suitable levelling compound. Any holes or deviations should be filled with a suitable patching compound. Any lumps or old adhesives should be removed. Concrete should be dry to a minimum of 75% using an in-situ moisture test ASTM F2170, as specified in Australian Standard 1884-2012. If the dampness exceeds 75%, a waterproof system is suggested before installation begins.

#### Timber subfloors

Timber subfloors should be overlaid with a purpose made wood flooring underlay. Prior to this the wood subfloor should be solid and flat with no nails protruding. Cupped or warped boards should be sanded flat. Wood floor should be flat and level to a deviation of no greater than 4mm in a length of 2m at any point. Wood floors should be sanded clean and any excessive deviations repaired with suitable patching compound

#### Existing floor coverings

Smartdrop Ultimate should not be installed over existing vinyl, rubber or linoleum, textile flooring, including carpet and any type of underlay must be removed. Existing solid floors including ceramic tiles and terazzo can be installed over using an appropriate levelling compound.

#### Adhesive

Adhesives for wood or concrete should be a hard set acrylic adhesive, Kenbrock recommends the use of our Evagrip adhesive. Spray adhesives, contact adhesives or pressure sensitive adhesives are not suitable for Smartdrop Ultimate. Adhesives should be applied with a trowel (as shown) and allowed to set up prior to the plank placement. Adhesive manufacturer's recommendations should be followed with regards to coverage, set up and working time.



## Tools and Products

- Tape measure
- Pencil
- Sharp utility knife
- Broom
- Suitable flooring adhesive
- Adhesive trowel
- Heavy roller or hand roller

## GETTING STARTED:

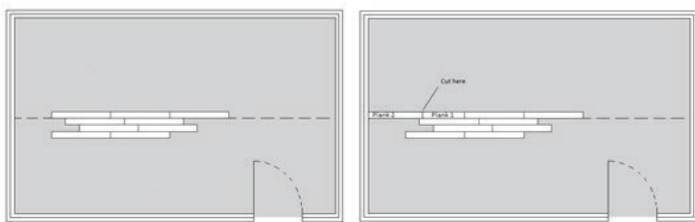
Ensure room temperature is maintained between 15 and 28°C before, during and after installation.

The planks should be installed in the direction of the traffic flow in your room. It is recommended to lay the planks parallel to the longest room dimension.

Carefully measure the width of the room and mark the centre line, determine the width of the last row of the planks. If the width of the last row is less than 50mm the width of the first row should be adjusted to allow a larger cut.

## INSTALLATION:

Planks should be drawn from three boxes to avoid shade variation. Position the first row of planks along the centre line. Once you reach the end ensure the cut piece will be longer than 150mm, if not, adjust your starting position. To find the exact size of the final plank in the row position a full plank (plank 2) again the skirting board and the last plank (plank 1).



Score a line on the last plank then deep cut along the line. Continue this way until you have at least three rows complete. Mark pencil line along the last row and remove the planks keeping in the correct order for placement.

Ensure the area is clean and dust free then trowel the adhesive between the lines. Allow adequate time for the adhesive to set up and place the planks in the same order they were removed. Once all planks are placed roll over with a heavy roller or hand roller.

## COMPLETION:

Do not place heavy furniture on the planks for at least 72 hours. After 48 hours of the installation the floor can be cleaned. Use a brush, dry cloth or vacuum for cleaning. Where water/cleaning fluid is required ensure the minimum is used and the water is not allowed to pool for an extended period of time.

## MAINTENANCE:

Regular maintenance will not only keep the floor clean but can reduce the frequency of any more extensive maintenance.

### Daily maintenance

We recommend to sweep, mop or vacuum to remove dust and other particles from your floor. Then spot clean any marks with Kenbrock Maintain in accordance with the instructions on the bottle.



## Weekly maintenance

We recommend to sweep, mop or vacuum to remove dust and other loose particles from your floor. Then wash your floor with cool to lukewarm water using Kenbrock Maintain diluted in accordance with the instructions on the bottle.

## Restorative maintenance

If the floor surface becomes dull over time you can refurbish the surface appearance by applying Kenbrock Rejuvenate floor sealer. First you will need to strip the floor using Kenbrock Remove mixed with clean water and applied in accordance with the instructions on the bottle. When the floor is dry you can then apply the Kenbrock Rejuvenate across the floor undiluted in accordance with the instructions on the bottle. Wait 24 hours for the Rejuvenate to harden before you dry buff your floor.

## Trouble shooting - Scuff marks

These are caused by friction from foot traffic across the surface of the floor. Light scuff marks can be removed by spot cleaning with Kenbrock Maintain. Heavier scuff marks may require restorative maintenance as per the above instructions.

## Trouble shooting - Scratching

Scratching is generally caused by excessive grit, dirt or other abrasive particles on the floor. You can assist in prevention of scratching by using appropriate entrance matting. Minor scratching may require restorative maintenance as per the above instructions. Any deep scratching or gouges in the planks may result in the individual plank/s needing to be replaced.

## Plank replacement

Plank/s damaged accidentally can be gently warmed with a hair dryer and removed with a small scraper. Scrape the subfloor clean, spread adhesive and re-install a new plank/s.

## GENERAL TIPS:

- Never slide furniture or fittings over an unprotected floor and ensure flooring protectors are used under the feet of furniture and appliances.
- Be aware that bitumen and rubber can permanently mark your floor, leaving a yellowish stain. This includes rubber used in rubber-backed mats, rubber wheels on trolleys, rubber feet on stools and other furniture, rubber soles on low cost shoes or slippers. Rubber used on wheelchairs and the like is medical grade rubber, so can be used.
- Keep floor surface clear of dirt, grit, sand and other abrasive materials, which can be walked into your home, by use of appropriate entrance matting. Avoid entrance matting that is rubber backed as it can stain your floor.
- All spillages should be removed immediately with a damp cloth or sponge.
- Do not use any kind of steam or heat mop when cleaning your floors.
- Do not use general household cleaners unless they are specifically for vinyl floors. Avoid using abrasive pads or cleaners, strong alkaline detergents, ammonia, chlorine detergents or any form of bleach.
- Window coverings should be used to protect your floor from direct sunlight. If it is not practical use window tints or film which block harmful UV rays while still letting light through.

Please note that Kenbrock does not warrant for fading caused by long term exposure to UV light sources, it is recommended that any areas subjected to this direct exposure be protected by curtains, blinds or tinting to reduce the intensity of the ultra violet light.

Kenbrock also does not warrant gapping caused by structural or subfloor movement, or any gapping that may be caused by extreme changes in temperature.