

SPC - ZimpleCLICK™ Flooring with Unipush® Patented Click Profile

Installation Manual

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www.bodenflooring.com

The information pertained within this guide is for reference only and does not supersede instructions from other product manufacturers or building codes.

Always consult and follow manufacturers specific installation and safety instructions BEFORE installing any products.

Boden Flooring™ bears no responsibility or liability for damage(s) resulting from the contents contained within this manual.

Information may change without notice. Visit www.bodenflooring.com for most current revision.

All tasks performed by the product user are at the own risk and liability of the user.



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1.1.SPC - Owner Responsibility

Always refer to www.bodenflooring.com for the most current instruction guide and requirements.

You must read and fully understand this installation manual before installing the flooring.

The installer of the flooring must carefully examine the flooring to acknowledge acceptance of the color, finish and that there are no product defects before installing. If the flooring is not acceptable at the time of installation, the flooring should not be installed, until the installer or owner are satisfied with the product quality. Once the flooring is installed, it is considered as acceptance by the installer and the owner.

The labels on each carton indicate product color, production number(s) and or date(s). The installer must confirm the product number, production number(s) and or date(s) on the cartons match PRIOR to installation. If there is a discrepancy, it must be resolved before the installation begins.

The owner must wear all necessary personal protective equipment when installing flooring to ensure they are not injured during the installation. This includes wearing an appropriate dust mask, protective eye wear, gloves, hearing protection, etc.

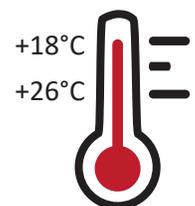
Be cautious when tearing out old floorings or building materials as they may contain asbestos or lead!

1.2.SPC - Acclimation

Store the boxes UNOPENED in the room where they will be installed for a MINIMUM of 48hours prior to installation.



The temperature must remain constant during the acclimation period and may never exceed +18°C and +26°C.



The boxes must be stored flat and level at all times. Never store the boxes on their sides.

1.3.1SPC - Operating Ranges / General Limitations

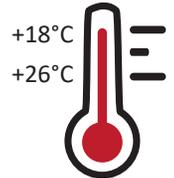
For interior use ONLY!

ZimpleClick™ a “floating” floor, and intended to act as such. For this reason do not adhere the flooring (ie via fasteners or adhesives).



To allow the floor to properly “float” do not install heavy objects such as cabinets, kitchen islands or other heavy non-movable objects onto the flooring.

The product is rated to be installed in INTERIOR only, never be exposed to temperatures which are outside of the range +18°C and +26°C. The environmental temperature must remain between +18°C and +26°C for the life of the product, including during installation.



Windows in rooms which allow direct sunlight to enter must have adequate blinds or window coverings to ensure the surface temperature of the flooring does not exceed +26°C. The temperature must not be allowed to change more than 3°C per 24 hour period, never exceeding +18°C and +26°C.



Product expansion and contraction (dimensional changes) are an inherent property of Thermoplastic (vinyl) and is to be expected. Exposure to temperatures beyond the allowable min max ranges will result in gapping, peaking or the connection profiles dislodging in an installed / finished floor.

For this reason it is imperative that installers and customers abide by the minimum / maximum temperature requirements, including the acclimatization requirements, as detailed in the product installation manual, including the use of proper blinds or window coverings.



Transitions are required at doorways, to allow for contraction / expansion which is standard for floating floor type installations.



Transitions / reducers must be incorporated to protect the exposed edge of flooring from damage, covering the exposed edges of the flooring.

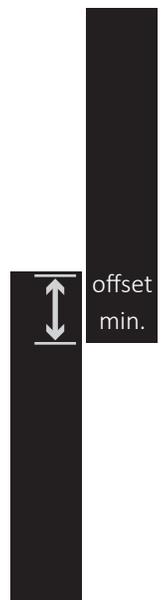
Allow an 6mm gap at the perimeters of each room.

Door Casings must be undercut at 1/16” (1.5mm) higher than the thickness of the flooring being installed. This is necessary to ensure the flooring does not get pinched or restricted. The same applies to wall trim / mouldings, which must not pinch the flooring, spaced with a gap of a minimum 1/32 (0.3mm) above the height of the flooring.

Maximum single room size without expansion joint may not exceed 40’ in one direction.

Never install the flooring with an offset that is smaller than the length of the board width.

Change in gloss level, dulling, scratching, scuffing, and chipping, are considered normal wear with the intended use over time as the floor ages.



1.4.1.SPC - Subfloor Requirements- General

Basic requirements to ensure a click profile performs as intended require that the subfloor be:

- clean
- level
- smooth
- flat
- structurally sound
- not to exceed a variation in plane more than 1/8" over 6'
- deflection does not exceed L/360.



You do not require a cushion underlayment, as ZimpleClick™ already has a pre-attached foam underlay. The use of an additional cushion underlay may cause the click profiles to break and is not covered under warranty. If you wish to use an additional cushion underlayment, you must verify with the manufacturer of the underlayment if it is suitable for ZimpleClick™.

No claims will be honoured if the substrate telegraphs through the flooring.

Never install directly over residual asphalt-type (cut back) adhesive. Residual cut back adhesive must be completely removed and covered with proper latex coating as per latex coating manufacturers guidelines.

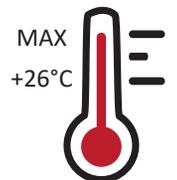
1.4.2.SPC - Subfloor Requirements- Renovation over existing floor-

ZimpleClick™ flooring can be installed over many existing hard surface floors, providing the existing flooring is:

- Completely flat, without gaps or depressions.
- Clean, dry, fully bonded / fastened without any movements or deflection and does not compress.
- Do NOT install over existing hardwood floors. Doing so can be problematic due to a variety of factors including the tendency for hardwood to experience expansion or contraction because of humidity changes (or moisture from spills), and the resulting movement can damage the click ZimpleClick™ profile which is not warranted.
- Do NOT install over cushion vinyl, vinyl floors of multiple layers or carpets.
- If installing over existing tile flooring, the grout joints must be flush with the surface of the tile. The grout joints must be filled using a suitable patching compound as specified by the patching compound manufacturer.

1.4.3.SPC - Subfloor Requirements- In-floor Heating

Once the flooring is completed, the temperature of the in-floor heating system may NEVER exceed +26°C.



48hours prior to installation and during the installation, the in-floor heat temperature must be regulated to NOT exceed +18°C.

Once the installation is completed, the heat must be gradually increased at an increment no greater than 3°C per 24 hour period until the operating temperature is achieved, respecting the operating temperatures as noted in the "operating ranges" section of this document.



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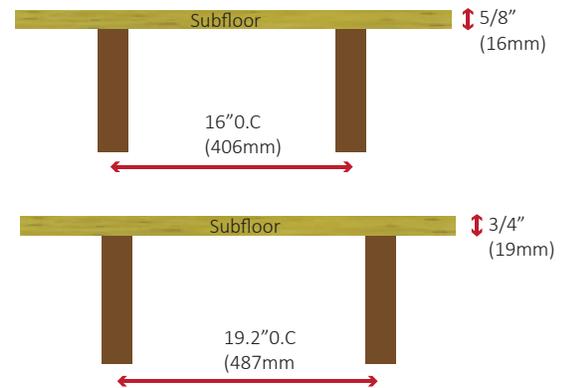
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1.4.4.SPC - Subfloor Requirements - Wood

At a minimum the wood subfloor must be:

5/8" (16mm) thick for joists spaced up to 16" OC
Or
3/4" (19mm) thick for joists spaced up to 19" OC.



Sheeted with exterior grade APA rated T&G plywood or flooring grade T&G OSB.

Sheet seams sanded flush with adjacent panels.

Fastened to a joist system designed to support the weight of the flooring being installed.

Have a moisture content less than 12%.

Do not install over pressure treated plywoods

Do not install over particle boards as particle boards (ie K3 board) which swell with moisture exposure.

Fix floor squeaks PRIOR to installing flooring.

Gaps / seams / indents and fastener penetrations must be filled with a correct portland patching cement. Any patching of the sub-floor must be done according to patching manufacturers requirements.

A wood floor must be suspended at least 18" (457mm) above the ground. Adequate cross-ventilation is required. Thus wood subfloor installed directly overtop of concrete are not permitted.

1.4.5.SPC - Subfloor Requirements - Concrete

Concrete must have a minimum compressive strength of 3500 psi.

Moisture vapour transmission levels must not exceed 5lbs / 1000sqft / 24 hours (2.3kg / 92.9m² / 24hours) per ASTM F-1869.

As a moisture test indicates the conditions only at the time the test is performed, you must take into consideration and allow for changes in season and environmental conditions will produce results which differ.

Prepare / repair all cracks prior to installation.

Saw cuts / expansion joints in the concrete must be honoured.

For concrete slabs which are not suspended (ie on grade), to limit the potential of condensation below the flooring, a 6mil thick (0.006") poly vapor barrier must be laid down prior to installing the flooring. The seams of the vapor barrier must overlap 6" and be taped / sealed with vapor barrier sheathing tape. The vapor barrier must lapped / ran up the wall a minimum 1".

2.1.SPC - Required Tools - General

Tools required basic:



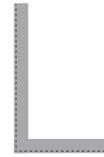
Tape Measure



Marker / Pencil



Rubber Hammer



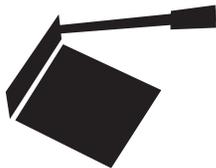
Square



Tapping Block

2.2.SPC - Cutting

ZimpleClick™ products can be cut using multiple methods:



Guillotine hardwood
or laminate shear

- Guillotine hardwood /laminate shear.



Powered Mitre
Chop Saw or
Table Saw

- A powered mitre chop saw or table saw with a blade intended for cutting hardwoods.



Utility Knife

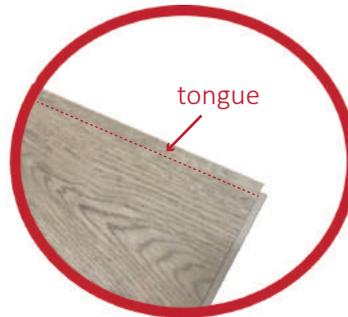
- Scoring and snapping with a utility knife. You must score the surface firmly multiple times, fold the plank to break it, and finish the cut on the backside.

2.3.SPC - Installation

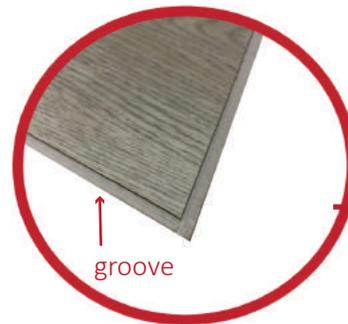
1. ZimpleCLICK™ SPC flooring featuring Unipush® click profiles are installed left to right.



2. Where the first row planks will meet the wall, start by cutting off the tongue from the length of the planks.



3. Begin by laying the first piece on the left side, with the groove of the long edge facing towards you.



Maintain a 6mm (1/4") gap along all walls.

Use spacers to ensure this 6mm gap is maintained during the installation process.

4. To install the next piece, insert the butt end tongue into the butt end groove of the previous piece, pressing downwards.

Using a small soft rubber hammer, gently tap together to fully engage the ends profiles.

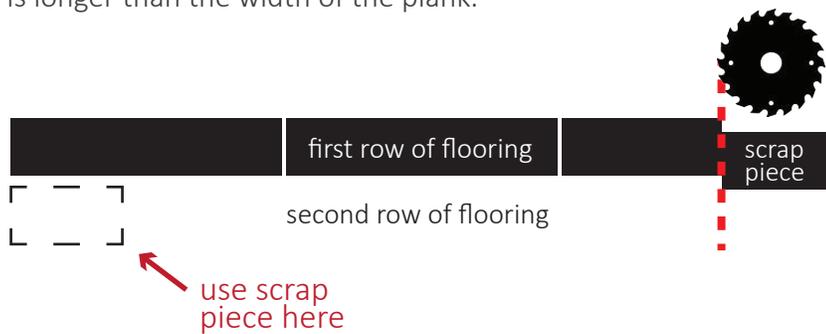
Do not use a metal hammer as this will damage the flooring.

Do not hit with excessive force as this will damage the flooring.



5. Once the first row of flooring is installed, begin on the second row.

Normally the waste piece from the first row is used to start the second row of flooring, as long as the scrap piece is longer than the width of the plank.



To install the second row:

- i) Insert the long side of the tongue into the long side groove of the existing flooring at a 25 degree angle.
- ii) Fully click the tongue into the groove by laying down the panel while pushing it firmly in place.

If necessary, using a beating block to ensure the profiles are fully clicked together. Use caution when using the beating block, as not to damage the profile ends.

Tip: To create a beating block, simply use a small scrap of flooring, use the tongue of the scrap piece to lock into the groove of the flooring when beating.



6. Repeat steps until flooring is complete.

3.1.SPC - Care and Maintenance:

Only use cleaners which have PH neutral formula, which are specifically designed for vinyl floorings.

Never use abrasive pads, etc to clean the flooring.

Remove any spills immediately.

Chairs, stools, furniture, etc must have appropriate protective pads at their contact point with the floor, to ensure the flooring is not damaged. If the furniture has wheels, the wheels must be soft and tested to ensure they do not damage the flooring.

The flooring should be protected with appropriate temporary jobsite protective covering during construction to prevent damage.

Use vinyl compatible doormats at entrances to prevent unnecessary wear from abrasives like sand, mud, etc. Trapped sand or abrasives under the rug can scratch the floor. The mat/rug must be confirmed to be compatible with vinyl flooring, as some rugs/mats with rubber (synthetic or natural rubber) backings can leave permanent stains or markings on vinyl. Some PVC backed rugs can have adhesives which leave residue on vinyl.