

Code	Description	Size	Colour
157787	Soudal LVT 120FT Special Patterns	13kg	Beige

## 1. Description

Soudal LVT 120FT Special Patterns (Luxury Vinyl Tiles) is a universal, ready to use, solvent-free dispersion adhesive for bonding of elastic flooring materials to flat, absorbent surfaces. Because of the long open time, this adhesive is particularly suitable for fishbone & other patterns.

## 2. Characteristics

- Ready-to-use paste
- High Initial Tack
- Very high final strength
- Long open time
- Immediately walkable
- Heat resistance, also with under-floor heating
- For Indoor Use
- Complies with ISO 22636: Adhesives for Floorings

## 3. Technical Data

<b>Base:</b>	Acrylic Dispersion	
<b>Curing System:</b>	Physical Drying	
<b>Consistency:</b>	Paste	
<b>Total Solids Content:</b>	Ca. 75%	
<b>Specific Gravity: (DIN 53479)</b>	Approx. 1,23 g/cm	
<b>Tools Required:</b>	<b>Trowel Size</b>	<b>For Use On:</b>
	• Trowel A2	Cushion Vinyl
	• Trowel A3	Carpet with latex backing, PVC Flooring
	• Trowel B1/B2	Carpet with sackcloth, ActionBac, polystyrene or felt-backed, fibre-bonded and linoleum
<b>Open time at 23°C and 55% RH</b>	Max. 120 minutes	
<b>Evaporation Tim: (=minimum time before bonding)</b>	Approx. 10 minutes	
<b>Drying Time: (23°C and 50% RH)</b>	Load Bearing: Ca 24Hr, Fully Cured: 72Hr	
<b>Consumption:</b>	With spatula A2: 400-500 gm/m <sup>2</sup>	
<b>Application temperature (text)</b>	Ideal between 15-25°C, RH 45-60% Min. +10°C, max +30°C	
<b>Temperature resistance*</b>	-20°C to +80°C (cured)	

\*This varies according to ambient conditions such as temperature, humidity, substrate etc

## 4. Applications

- Bonding of flexible flooring materials such as LVT floorings, homogenous and heterogenous PVC tiles and cushion vinyl
- PVC floor coverings in sheet and tile format.
- PVC floorings with patterns fishbone, herringbone etc
- Cushion vinyl floors.

## 5. Packaging

13kg Pail (net content),

## 6. Shelf Life

At least 12 months in original, unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°. Always store container closed. Store Frost Free

## 7. Application Instructions

### Surfaces

*Substrate:*

all common porous building substrates, concrete, screed floor, brick, stone, stucco, wood

*Nature:*

Surfaces should be dry, level, solid and free of dust, residues of previously used adhesives, grease and oils

Surface Preparation:

Shut down underfloor heating according to the correct procedures. For renovations, the existing, flexible flooring (carpet, linoleum, cushion vinyl, rubber, PVC, ...) must be removed. Make sure there is a pure surface. When renovating all old adhesive residue must be removed mechanically. Make sure the surface is solid. Sand the surface until a solid layer is achieved (mandatory for anhydrite surfaces), also make sure that all impurities (like old adhesive residues) are removed.

If there are doubts for powder, sand or burned surfaces, a scratch test can be done.

When a weak result is obtained, it's recommended to apply a reputable sealing compound. Check the flatness of the surface and if required use a floor leveling compound. For highly porous surfaces, it is recommended to use an appropriate sealer primer. Right before applying the flooring, vacuum the surface thoroughly. Before applying the flooring, it should be acclimatized to the surroundings (15°C-28°C):

- Ensure that during the application the temperature and humidity of the flooring material, the adhesive, the surface and the surrounding remains stable.
- Walls and floors have to be completely dry prior to application of the adhesive. Do not plaster or paint in the surroundings during the period after application to ensure a stable environment

Before installation of the wooden / timber flooring, the substrate should be checked to ensure it is suitable. Check the moisture content throughout the entire thickness of the substrate with a carbide or electric hygrometer. The acceptable moisture content must be as recommended by the flooring manufacturer. For application on concrete subfloors, (moisture content up to 2% is acceptable for sand/cement substrates and 0.5% for anhydrite. Where Sub-Floor Heating is used the max moisture content .

*A preliminary compatibility test is recommended on every surface.*

### Application Method

#### Application

Draw starting axes and determine the pattern. Stir well before using. Apply Soudal LVT Premium Floor & Wall 120FT with the correct trowel on the sufficient surface (see technical data). Immediately rub, press or roll the flooring well into the whole surface to achieve a good adhesive transfer. Don't apply more adhesive than you can process within 120 minutes. Leave open for 10-15 minutes, then insert the flooring material (vinyl, PVC, carpet with foam backing) into the still wet adhesive. Make sure the bond is tension free and there are no air pockets between the adhesive layer and the flooring material. Consult the installation method and technical data sheet of the flooring. Follow the instructions of the producer for applying the floor. Restart underfloor heating (according to the correct procedure) at the earliest 48 hours after the application.

<b>For Vertical Surfaces</b>	If with covings, ensure they are well bonded/fixed strongly to the wall/floor to prevent failure of the covings due to movement in the floor or flooring material. The covings can't be made of PE or PP, because the Soudal LVT Premium Floor & Wall 120FT won't bond on it. A good tip for that is to use a lambskin roll to spread the adhesive on the wall and then use a A2 trowel to get the right quantity of the adhesive. I would also recommend to let the adhesive evaporate for at least 30 minutes, this will give a good initial tack due to its PSA properties and prevent the wall covering from sliding down. Of course using a pressure roller after application of the covering is a necessity.
<b>Cleaning</b>	Cured Soudal LVT Premium Floor & Wall 120FT can only be removed mechanically.
<b>Repair</b>	Repair: With the same material

## 8. Health and Safety Recommendation

- Apply the usual industrial hygiene precautions.
- Wear protective gloves.
- Please refer to MSDS for more detailed information.

### Recommendations

- Always consult the installation method and technical data sheet of the flooring manufacturer. Follow the instructions of the producer for applying the floor.
- Working with the correct primers will always give you a better adhesion on the surface, will give you a lower consumption of the adhesive and will ease the applying of the adhesive.
- The minimal temperature of the surface has to be at least +10°C.
- Do not use in damp areas or applications where continuous water immersion is possible.
- Never apply on a substrate which is not protected against rising damp. If necessary, apply a moisture sealer.

### Environmental Clause:

LEED regulation: Soudal LVT Premium Floor & Wall 120FT conforms to the requirements of LEED. Low –Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED® 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC content. VOS-level < 50 g/L

### Remark

*The directives and data contained in this documentation is provided in good faith and accurately reflect Soudal's knowledge when its products are properly stored, handled and applied under normal conditions in accordance with Soudal's recommendations. In practice, the diversity of the materials, substrates, environments, site conditions, product storage, handling and application are such that no warranty can be given in respect to the merchantability or fit for purpose, of any product. All users must determine the product suitability for their purposes through testing. This technical data sheet and product properties may change without notice so users, suppliers and retailers of Soudal products should always check that the data sheets they have are the latest. To the maximum extent permitted by law, Soudal disclaims all warranties in relation to either the manufacture, storage and end use of the product. All orders are accepted subject to our current terms of trade. **If any clarification is required, please contact Soudal Technical Services or email [info@soudal.co.nz](mailto:info@soudal.co.nz).***

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