

LVT 30FW

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Technical data

Basis	Acrylic dispersion
Consistency	Paste
Curing system	Physical drying
Density	Ca. 1,40 g/ml
Total solid content	Ca. 80 %
Temperature resistance**	-20°C to +80°C (cured)
Application temperature (text)	Ideal between 15-25°C, RH 45-60% Min. +10°C, max +30°C
Evaporation time (=minimum time before bonding)	Ca. 10 min
Open time (23°C, 55% RV)*	Max. 30 min.
Drying time (23°C and 50% R.H.)	Load bearing: ca 24h, fully cured: ca 72h
Tools	Trowel A2, for (Cushion) Vinyl Trowel A3, for carpet with a latex backing, PVC flooring Trowel B1/B2, for carpet with sackcloth, actionback, polystyrene or felt backing, fibrebonded and linoleum
Consumption*	with trowel A2/A3: 250 to 300 g/m ² with trowel B1/B2: 400 to 500 g/m ²

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

LVT 30FW is a universal, ready to use, solvent-free dispersion adhesive for bonding of elastic flooring materials to flat, absorbant surfaces.

Properties

- Ready for use paste
- Easy to tool, even under difficult circumstances.
- High initial tack
- Very high final strength
- Immediately walkable
- Heatresistant, also with underfloor heating
- For indoor use
- EC-1 Plus label: very low emission
- Complies to ISO 22636: Adhesives for floorings

Applications

- Bonding of flexible flooring materials such as LVT sheets, homogenous and heterogenous PVC tiles and cushion vinyl for floors and walls
- Also suitable for rubber floorings, fibrebonded and carpet tiles, textile carpets and linoleum on porous, flat surfaces such as concrete (screed), leveling compounds and timber.

Packaging

Colour: beige
Packaging: 13 kg

Shelf life

At least 24 months in original, unopened packaging at a cool and dry storage place, between +5°C and +25°C. After use, close the packaging with the original cap. Store frost free

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Substrates

Substrates: 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, ...) has to be removed. Make sure there is a pure surface. When renovating all old adhesive residue has to 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 Soudal WBPR-21.

Check the flatness of the surface. In general we should place a leveling layer, such as Soudal VE90. Abrupt roughness, cracks, etc are not acceptable. For strong absorbing surfaces, it is recommended to use the Soudal WBPRR-11P 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.

We recommend a preliminary adhesion test on any substrate.

Application method

Application method: Draw starting axes and determine the pattern. Stir well before using. Apply LVT 30FW with the correct trowel on the

sufficient surface (see technical data). Don't apply more adhesive than you can process within 10-20 minutes. Leave open for 10 minutes, then insert the flooring material (vinyl, PVC, carpet with foam backing) into the still wet adhesive. Make sure that the bond is tension free and that there are no air pockets between the adhesive layer and the flooring material. Immediately rub, press or roll the flooring well into the whole surface to achieve a good adhesive transfer. Welding of PVC floorings or linoleum is allowed at the earliest 24h after the application. 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.

Cleaning: Cured LVT 30FW can only be removed mechanically.

Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks

- 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. For LVT 30FW the primer Soudal WBPR-11P can always be used on a cement based subfloor (screed) or on a leveling compound.
- 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.

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- Never apply on a substrate which is not protected against rising damp. If necessary apply a moisture sealer such as Soudal EPR-31P.

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