

SV-15P PARQUET ADHESIVE

Revision: 28/11/2006

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Product:

SV-15P is a ready to use solvent-containing parquet adhesive based upon Polyvinyl-acetate and synthetic resins.

Suitable for bonding many types of parquet floors onto suitable indoor substrates.


Technical data:

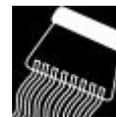
Base	Polyvinylacetate and synthetic resins
Curing system	Physical curing
Consistency	Pasta
Colour	Pale brown/ dark brown
Density (DIN 53479)	Approx. 1,5 g/cm ³
Brookfield viscosity (mPa.s)	Approx. 45.000 (Brookfield RVT 6/10)
Open time at 21°C and 50% RH	Approx. 10 – 15 minutes
Adjustability time at 21°C and 50% RH	Approx. 30 – 45 minutes
Set to load bearing	Min. 24 hrs
Sandpapering/finishing	Min. 48 hrs
Shear strength (DIN281b) wood/wood	> 4N/mm ²
Temperature resistance	-20°C to +70°C (cured)
Durability against ageing	Good
Total solids content	Approx. 79%
Application rate	Depending on the subfloor 800 – 1000 g/m ² by use of the SOUDAL-notched trowel for parquet

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

Characteristics:

- Ready to use
- Low consumption/m²
- Free of water
- Very easy to apply
- Forms stable peaks once applied by a notched trowel or spreader comb
- Rapid build up of bond strength
- Rapid curing
- High final bond strength (according to DIN 281)
- Hard-elastic bond

Remark: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.



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Applications:

SV-15P is suitable for indoor bonding of wooden floors with small dimensions (up to max. 250 x 50mm) such as solid, stab, pre-finished, and on-end parquet, wood-plank, wood-block and laminates.

Not suitable for wooden floors and multi-layer or ready to use parquet with large dimensions. Therefore use **MS-30P Parquet Adhesive** or **PU-20P 2-component Parquet adhesive**.

Suitable for use on porous substrates such as concrete, screeds, wood, mosaic, chipboard and OSB Board (large particle size chipboard). Do not use on pretreated wood.

Description:

SV-15P Parquet adhesive cures by means of physical drying and crystallisation. Once fully cured (approx. 24 hrs. at 21°C and 50% RH) a non-shrinkable adhesive layer is formed, which is resistant to normal wood deformations by moisture and heat.

The adhesive has excellent adhesion to practically all common porous substrates.

Shelf life:

Minimum 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°.

Substrate:

Before installation of the parquet, 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 moisture content must be as recommended by the flooring manufacturer (generally max. 2% for sand cement substrates and max. 0,5% for anhydrite, measured with a carbide hygrometer. For substrates with underfloor heating the values are resp. max. 1,5% and 0,3%)

SV-15P should be applied to an even, dry, clean and smooth substrate, which is free from irregularities and cracks. Rests of old adhesives may affect the adhesion and must be removed mechanically. Loose or damaged surfaces must be repaired before the application of the adhesive.

Porous mineral surfaces should be treated with **Soudal WBPR-11P** surface primer. Powdery surface can be treated (after consulting our technical service) with **Soudal WBPR-21 Deep Primer**.

Subfloors with a higher moisture content than described above can be treated (after consulting our technical service) with **Soudal EPR-31P**.

Smooth surfaces like anhydrite should be roughened and disposed of the top layer. Sanded subfloor must be vacuum cleaned with an industrial vacuum cleaner.

A preliminary compatibility test is recommended on every surface.

Parquet:

The parquet flooring must be acclimatised for several days in the area where it is to be installed. Leave the parquet in its original packaging until installation to avoid any deformation. Check before installation that the moisture content of the wood is as recommended by the supplier, (generally 9% +/- 2%). If the humidity of the wood is more than 11% installation is not recommended

Allow a gap of 1 to 1,5 cm around the perimeter of the laid parquet, including any columns or structures, which penetrate the floor.

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Applying the adhesive:

SV-15P should be acclimatised to room temperature before installation.

Apply the adhesive to the surface by means of a suitable notched **SOUDAL** trowel N° 3. Do not apply more to the surface that can be covered with parquet within 10 minutes. Slide the parquet onto the adhesive layer and tap into place or tamp down with a rubber hammer.

A minimum of 80% contact coverage is required to ensure a perfect adhesion. Loading the parquet with weights will improve the final bond strength.

Wait at least 24 hours before sanding and finishing the parquet.

Uncured SV-15P may be removed from tools and parquet with SOUDAL Adhesive cleaner. Cured adhesive must be removed mechanically.

Health and safety recommendations:

Apply the usual industrial hygiene precautions. Wear protective gloves. Consult the label for more information.

Recommendations:

- Never install to substrates, which are not protected against possible rising damp.
- Do not apply the adhesive at temperatures below 15°C or above 25°C
- Minimum temperature of the substrate should be at least 15°C.
- Do not apply the adhesive when the relative humidity is above 75%.
- Never install onto a substrate which contains too much moisture or onto substrates with a higher humidity value than recommended by the wood supplier.
- Never install wood which is too dry (<7% humidity). This can expand at higher humidity or when the humidity rises and cause damage.
- Do not install if the walls and ceilings of the area are not dry (e.g. after plastering or painting etc.)
- Do not dilute the adhesive.

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