

One-side Adhesive LF 3061

very low emission, ready to use, fiber-reinforced, for gluing Design Floor Covering 3055 and fiber-bonded needle felt floor coverings, for interior use



Field of application

For gluing heterogeneous vinyl-based design floor coverings – Design Floor 3055 – and fiber-bonded needle felt floor coverings in indoor areas. On all prepared, ready-for-laying substrates with medium to good absorbency, e.g., in living and work areas and in public buildings.

Properties

- Solvent-free
- Very low-emission
- Ready to use
- High yield
- Fiber-reinforced
- Short flash-off time
- Excellent initial adhesion
- Very high final strength
- Tested for emissions for use in lounge areas, in accordance with approval no. 155.20-275
- Hard-elastic adhesive grooves prevent dimensional changes to the covering
- Suitable for chair castor loads and floor heating

Material description

Color shade	Beige
Base material	Synthetic resin emulsion with adhesion-strengthening additives
Density	Approx. 1,35 g/cm ³
Packaging	14 kg

Use

Thinning	Apply unthinned.
Compatibility	Do not mix with other types of materials.
Application	<p>Thoroughly stir One-side Adhesive LF 3061 before use and apply uniformly to the substrate with a notched trowel. Avoid lumps of adhesive. Use a suitable notched trowel that is appropriate for the covering to be glued.</p> <p>Recommended trowel notch size: For Design Floor 3055: TKB A1 For fiber-bonded needle felt floor coverings: TKB B1</p> <p>Depending on the absorbency of the substrate, the room climate, and the application quantity, allow the adhesive to flash off briefly. Place the floor coverings that are to be laid into the adhesive bed within the open time – “wet phase” – (the applied adhesive still does not exhibit any adhesive threads). Only work on an area that can be laid with full-surface moistening within the open time. Place the floor covering into the adhesive bed and roll over it with Pressure Roller Duo 1283 and Pressure Roller for Floor Coverings 1286. Smooth the seams and top ends well. Repeat the rolling operation after a waiting period and, if necessary, smooth the top ends and seams again.</p> <p>With Design Floor 3055, the method of laying must be adapted to the short open time. One-side Adhesive LF 3061 does not have a sticky adhesive phase. Follow the instructions in the "Design Floor 3055" Data Sheet.</p>
Consumption	<p>When applying with a notched trowel: Notch size TKB A1: approx. 300-350 g/m²; Notch size TKB B1: approx. 400-500 g/m²; Determine exact consumption by means of a test application on the object to be coated.</p>
Application temperature	Do not apply at an air and object temperature below +15 °C (in accordance with DIN 18365).
Tool cleaning	Clean tools immediately after use with water.

Drying (+20 °C, 65 % relative humidity)

Flash-off time: approx. 5 minutes. Open time: approx. 20 minutes.
Drying time: approx. 24 hours. The final strength is reached after approx. 72 hours.
The flash-off time is prolonged at lower temperature and/or higher humidity, and the adhesiveness is reduced.

Storage

Store in a cool, dry, and frost-free place not below +5 °C.
Can be stored in the unopened original container for approx. 12 months.
Immediately close the opened container tightly and apply as soon as possible. Remove any skin that forms, and do not stir it in.

Declaration

Product code	D1 Comply with the specifications in the current Safety Data Sheet.
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Gluing

- Substrate preparation** The substrate must be solid, dry, clean, load-bearing, and free from efflorescences, sinter layers and separating agents. Test existing firmly adhering residual adhesive for suitability and load-bearing capacity. Completely remove non-bearing coatings or substrate layers by, e.g., sanding or abrasive blasting. Sand down smooth or dense substrates. Sand down mechanically and vacuum calcium sulfate-based screeds with grain size 16. Remove form oil and cement slurries from concrete surfaces and roughen vacuum concrete. See also VOB Part C, DIN 18365, Floor Covering Work. To achieve firm, uniform adhesive surfaces with commensurate absorbency, fill the prepared substrates with e.g., Floor Leveling Compound 3115 or Floor Leveling Compound CA 3059 with a minimum thickness of 2 mm before gluing. The substrate condition must be matched to the respective floor covering and should be taken from the product information of the floor covering manufacturer.
- Floor covering gluing** Taking the corresponding flash-off time into account, the gluing of Design Floor Covering 3055 is performed with One-side Adhesive 3061 within the open time, directly on the filled substrate.

Notes

- Old adhesive layers** Direct contact with existing old adhesive layers or adhesive residues can result in an increase in odor. These interactions can generally be avoided by full-surface floor filling.
- Acclimation** Before gluing with One-side Adhesive 3061, the floor covering must be laid horizontally and without tension in the respective rooms for at least 24 hours before laying so that the coverings are acclimated to the room climate.
- Instructions from the floor covering manufacturer** During use and application, follow the product information and the laying instructions of the covering manufacturers as well as the Design Floor 3055 Data Sheet while laying the Design Floor coverings. The specific substrate requirements and adhesive compatibilities should in particular be checked and taken into consideration.
- Data sheets of the Federal Association of Screeds and Coverings** Comply with the data sheets of the Federal Association of Screeds and Floor Coverings, Troisdorf (BEB), "Evaluating and Preparing Substrates" (2008) and "Preparation for Laying Surface Coverings" (2011).
- Further information** Follow the instructions in the data sheets of the products used.

Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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