

Forteko **Quality Adhesives**



Solvent Free Water Free

Can be used as an all-in-one adhesive.

Easy to apply.

Can be used over Forteko P220

Moisture Barrier

Environmentally Friendly

Easy Clean Up

Good Sound Reduction Properties



Specifications

Base: One-component adhesive silane-modified Polymer free of solvents

Color: Tan

Odor: None / 0 VOC

Working Time: 60 minutes (depending on humidity)

Cure Time: 24 hours.

Sanding Possible: 6-12 hours

Sound Reduction: STC up to 67.

Cleaning agent: While still wet use mineral spirits on a clean white cloth or other specific products.

Shelf Life: 12 months in unopened container at 70°F / 21°C, not below 40°F / 5°C

Freeze/thaw stable: Yes.

Unit Size: 3 gal.

Unit Weight: 45 lbs. ea.

Units per pallet: 48 pieces

FORTEKO USA Inc.

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Product Description

Trowel Glue G220 Wood Flooring Adhesive is a one-component elastic adhesive crafted with silane-based resin, completely solvent-free, isocyanate-free, and amine-free. It presents as a consistent, spreadable paste specifically formulated for the optimal bonding of wood flooring.

Application

Trowel Glue G220 is a universal, highly robust, and odor-free solution suitable for a variety of applications. Its unique properties, including a high yield (+30 / 40%), ease of spread ability, and simple cleaning process, make it ideal for use over underfloor heating systems and in bio housebuilding soundproofing projects.

Advantages

- **Elastic Bonding:** The adhesive's elasticity ensures compensation for potential movements in glued parts, avoiding the typical brittleness associated with stiff adhesives.
- **Versatile Adhesion:** Exhibits excellent adhesion to substrates, even those not perfectly seasoned, offering flexibility in application.
- **Ready for Use:** Being a one-component product, it is ready for immediate use, eliminating the need for pre-mixing and streamlining the application process.
- **Environmentally Friendly:** Odorless and solventless, the adhesive is designed with environmental consciousness, prioritizing both the environment and the applicator.
- **Enhanced Thermoacoustic Insulation:** Improves thermoacoustic insulation between the substrate and the bonded coating, contributing to a quieter and more comfortable living environment.
- **Versatile Compatibility:** Demonstrates excellent adhesion on various substrates, including cement, brick, stone, wood, and ceramics.
- **Universal Wood Flooring Compatibility:** Compatible with a wide range of wood flooring sizes available in the market, ensuring adaptability to diverse project requirements.

Direction of use

Trowel Glue G220 is a resilient and tenacious one-component adhesive, polymer-based, and silane-modified. It is free from water, solvents, epoxy resins, isocyanates, and amines, making it a versatile and allergy-friendly choice for installers. Suitable for all wood species and sizes, including both absorbing and non-absorbing substrates, it is particularly well-suited for applications with underfloor heating systems. Additionally, it offers easy cleaning on prefinished surfaces. Our Trowel Glue G220 Wood Flooring Adhesive stands as a reliable, high-performance solution, combining versatility, environmental responsibility, and ease of use for professionals in the flooring industry.

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Recommendations for Installation:

1. **Room Preparation:**

- Before installation, ensure that the rooms are equipped with doors, windows, or other suitable closings for proper ventilation.

2. **Humidity Verification:**

- Check that the humidity levels of the wood meet the regulatory requirements specified in the technical sheet of the parquet. Adhere strictly to these specifications for optimal results.

3. **Surface Moisture Considerations:**

- If the surface is not dry or exhibits higher moisture content than recommended, use an appropriate waterproof moisture barrier, such as Moisture Barrier P220, before application.

4. **Rising Damp Precaution:**

- In areas with the risk of rising damp, insert a vapor barrier before initiating the installation process to prevent any adverse effects on the adhesive.

5. **Temperature Control:**

- Avoid using Trowel Glue G220 at temperatures below +10 °C (50 °F) or exceeding +35 °C (95 °F). Maintain the recommended temperature range for optimal adhesive performance.

6. **Dry Surfaces Requirement:**

- Install only if the walls and ceilings are completely dry. Moisture-free surfaces are essential for the adhesive to bond effectively.

By meticulously following these professional recommendations, you ensure a successful installation of Trowel Glue G220, meeting industry standards (NWFA, ASTM, and/or RFCI Guidelines), and providing a reliable solution for various wood flooring applications.

Spreading Adhesive and Laying Flooring

Open the plastic bucket, utilize the Forteko **#5 trowel** notched designed for wood applications to spread the adhesive evenly on the substrate. Avoid leaving any puddles of adhesive. Apply the amount necessary to cover the area intended for flooring installation within 35 minutes under standard conditions of temperature and humidity (+20 °C (68 °F), 50% RH). Set the flooring into the adhesive while it is still wet. Ensure precise placement for a secure bond.

Cleaning

Trowel Glue G220 can be removed when still wet using mineral spirits on a clean white cloth or other specific products. After curing, removal should be carried out mechanically.

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Package

3 Gallon aluminum contained in a plastic bucket.

Storage

Store in the original packaging, tightly closed, under normal conditions for up to 12 months.

Safety Instructions

Trowel Glue G220 is not dangerous under current regulations for the classification of preparations. It is recommended to wear gloves and goggles and follow standard precautions for handling chemicals. A Safety Data Sheet is available for professional users upon request.

Disclaimer

This disclaimer serves to inform users that while Forteko USA Inc. strives to offer accurate and reliable information, individual applications may vary, and users are responsible for ensuring that the product is suitable for their intended use. Always refer to the latest version of the Technical Data Sheet for the most up-to-date information

All Forteko USA Inc Data Sheets can be found at www.forteko.com

For Technical Support contact Forteko USA Inc at 208 982 5749 or by e-mail at: help@forteko.com - forteko.com

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There are no express or implied warranties, including warranties of merchantability and/or fitness for a particular purpose. Buyer's remedies are limited to replacement or refund of the purchase price. Manufacturer assumes no liability for injuries, incidental or consequential damages. User shall determine suitability of product for intended use.

The information and recommendations in this data sheet are guidelines for application and are not to be construed as a guarantee. In all cases it is the responsibility of the user to determine if the product is suitable for the purpose and complete a successful application. Forteko can only guarantee the delivered product. If the user is in doubt, we would recommend a preliminary onsite test. Please ensure you have read and understood all information on the labels and in the safety data sheets before using this product. This data sheet replaces all previous versions.

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