

**CEMENT-BASED POURABLE FLOOR LEVELING MORTAR**

**DESCRIPTION**

PENETRON® GROUT FLOOR is a ready-to-use, non-shrinkable, cement-based pourable flooring leveling mortar, ideal for floors with high mechanical stress. It consists of excellent quality cement and specially graded quartz aggregates. PENETRON® GROUT FLOOR is an excellent repairing grout due to low viscosity, high compressive strength and competitive price.

**RECOMMENDED FOR**

- ▶ Manufacturers
- ▶ Homes
- ▶ Malls
- ▶ Prefabricated concrete slabs
- ▶ Factories, refineries, chemical industries etc.

**ADVANTAGES**

- ▶ Combines high fluidity and high strength development at an early stage.
- ▶ Provides excellent levelling for optimal application of tiles, polyurethane or epoxy floors.
- ▶ Can be pumped into inaccessible areas.
- ▶ No corrosive agents.
- ▶ Non-shrinkable grout phenomenon, excellent flow properties and controlled expansion, ensuring total filling of space.
- ▶ Filling space: 6 - 30 mm.

**DIRECTIONS FOR USE**

**Surface Preparation:** Surfaces to be treated must be clean and sound, free of dirt and any other contaminants, which may harmfully affect the adhesion of PENETRON® GROUT FLOOR. For optimum results, surfaces must be saturated with water, without any standing or puddled water. If needed, apply a primer, i.e. PENETRON® ACRYLIC BONDCRETE for porous surfaces or PRIMER STX 100™ for non-porous surfaces. As far as the application of PENETRON® GROUT FLOOR, both air and floor temperature must be between 5°C – 35°C. The application time and durability development depend on temperature.

**Mixing:** For optimum results, add dry grout to water; not water to dry grout, mix thoroughly, until the mixing has the desired consistency. Use the mechanical mixer until you get a uniform mixture. Mix only grout that can be placed in 30 minutes.

**Mixing ratios:** Use 4 kg to 5 kg of clean water per 25 kg PENETRON® GROUT FLOOR.

**Application:** PENETRON® GROUT FLOOR must be placed in a proper modified form. Remove any material that interferes with bond, including dust and dirt. Also, the surfaces must be saturated with water, without any standing or puddled water or apply a primer, i.e. PENETRON® ACRYLIC BONDCRETE for porous surfaces or PRIMER STX 100™ for non-porous surfaces. After the mixing, apply the PENETRON® GROUT FLOOR, until the desired thickness. Filling range is between 6 – 30 mm.

**NOTE:** At high temperatures, the working time is decreased, while the curing time increases.

**Curing:** Protect PENETRON® GROUT FLOOR against conditions that can cause rapid dehydration of the applied mortar (high temperatures, wind, low moist, direct sunlight), using a soaked rag or plastic cover for up to 24 hours. Wet curing material can also be applied.

**Coverage:** The coverage of PENETRON® GROUT FLOOR is approx. 12,5 – 13,5 Lt or 1,9 – 2,0 Kg/m<sup>2</sup>

**SPECIAL CONSIDERATIONS**

DO NOT use this product, if bag is damaged or opened.

DO NOT bridge control joints and expansion joint.

Protect the mixture from early dehydration.

Avoid wind, sunlight, and heat. Low temperature may prolong curing time.

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Total applied coat must be at least 5 mm in thickness.

DO NOT exceed working time, do not add more water than required and do not use admixtures.

Use water to clean your tools after use.

Contact PENETRON HELLAS S.A. for additional information, regarding your project.

**PACKAGING**

PENETRON® GROUT FLOOR is available in 55 lb (25 kg) bags.

**STORAGE / SHELF LIFE**

Storage life is 12 months, when stored in sealed bags, dried and cooled place. Keep the bags closed and avoid exposure to direct sunlight.

**SAFE HANDLING INFORMATION**

Contains Portland cement, which is alkaline. It may be irritating to eyes and skin. Avoid skin and eye contact. If contact is made, flush areas with lots of water and seek medical advice. Protective gloves should be worn. Breathing apparatus is advised, if applied in enclosed environments. For further information please refer to Safety Data Sheet. PENETRON HELLAS S.A. has recently updated Safety Data Sheet on the safe use of PENETRON® products. Each Safety Data Sheet contains health and safety information for the protection of your employees and your customers. FOR PROFESSIONAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

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**WARRANTY - DISCLAIMER**

PENETRON HELLAS S.A. warrants that its products are manufactured under certified ISO Standard procedures, are of excellent quality and shall be free from material defects and contain all components in their proper proportion. Should any of the products be proven defective, the liability to PENETRON HELLAS S.A. shall be limited to replacement of the material proven to be defective, since the standard application procedures have been met and the suitability of the product for the particular application have been proven. PENETRON HELLAS S.A. makes no warranty as to merchantability of fitness for a particular purpose. User, after contacting the distributor of the product, shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith. While every care has been taken, the information provided in this product's data sheet make no part of any contract. All recommendations, technical data and test data contained in this product's data sheet are based upon the results of control laboratory tests or in actual field tests. However, PENETRON HELLAS S.A. makes no warranty of any kind, concerning this data. In any case, this data are given in good faith based in the PENETRON HELLAS S.A. experience, till the publication of this sheet. Due to variance in storage, handling and applications of the materials, PENETRON HELLAS S.A. accepts no liability for the results obtained. It is suggested that potential users try small applications to determine the suitability of each individual product for their specific requirements. The users should always refer to the most recent edition of the product's data sheet. PENETRON HELLAS S.A. may particularly differentiate its versions of the product's data sheet compared with those of PENETRON INTERNATIONAL LTD or respective PENETRON companies worldwide. These changes are due to text formatting, different application weathering and procedures or different product names and aim at the optimal consumer information.

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