



Product Overview

QuaGaz 8001 is a cement-based, single-component, high-performance adhesive mortar enhanced with polymers, specifically formulated for bonding materials such as aerated concrete, pumice brick, hollow concrete, decorative brick, and glass brick.



Application Domains

- On horizontal and vertical surfaces within indoor environments
- On horizontal and vertical surfaces in exterior spaces
- It is utilized to bond construction materials with a high water absorption value, including aerated concrete, pumice brick, hollow concrete, decorative bricks, and glass bricks.



Technical Specifications

Intensity	1,39 KG/lit
Water Mixing Ratio	8 - 8.5 liters of water for 25 kilograms of powder
Resting	5-10 Minutes
Working Hours	1-2 Hours
Correctable Duration	20 Minutes
Application Ground Temperature	+5oC, +30oC
Compressive Strength	≥5 N/mm ² (28 Days)
Flexural Strength	≥3 N/mm ² (28 Days)

The information presented in this technical data sheet is derived from the results of conducted tests. The user bears full responsibility for the proper application of our original product. Our company assumes sole responsibility for the product's quality. This data sheet replaces the information found in the previous version. Our company retains the right to amend any information within this data sheet.



Advantages

- It exhibits exceptional adhesion performance.
- It is resilient and enduring.
- It does not dry rapidly on surfaces with high water absorption.
- Simple to prepare and implement
- Facilitates effortless application.
- It is impervious to water and humidity.



Surface Preparation

The surface must be devoid of dust, oil, paint, dirt, silicone, and other substances that may impede adhesion. Highly absorbent surfaces should be dampened, and it is essential to maintain their moisture throughout the application. Additionally, precautions should be taken to prevent any water accumulation on the surface during the moistening process.



Mixture

Add 25 kg of QuaGaz 8001 powder to 8-8.5 liters of clean water in a sanitized container. Mix with a low-speed mixer or drill for 3-4 minutes to achieve a uniform consistency, ensuring the absence of lumps. Allow the mixture to rest for 5-10 minutes before mixing again. It is advisable to consume the mixture within 1.5-2 hours.



Application Details

The prepared QuaGaz 8001 mortar is applied to the bonding surface by pressing firmly with a trowel, forming a layer. The mortar on the surface is then combed with a notched trowel suitable for the type and/or dimensions of the aerated concrete to be bonded (10x10 cm wide). The tiles are adhered within 25 minutes by pressing them firmly into the mortar. A minimum of 90% of the aerated concrete surface to be bonded must be in contact with the mortar. Effective adhesion can also be achieved by gently tapping the aerated concrete adhered to the mortar with a plastic mallet. Prior to laying, the bottom and side surfaces of the aerated concrete in the first row of the application area, which will contact the mortar, should be moistened with water. This step is not required for subsequent rows.



Consumption

3 - 5 Kg/m² (Varies based on the dimensions of the aerated concrete.)



PACKAGING

25 kg Kraft bag



Shelf life

It can be stored for 12 months in its unopened packaging in a cool, dry, and dark environment at temperatures ranging from +10°C to +25°C.



Attention

Avoid applications when the ambient temperature and application location are below +5 °C or above +30 °C. Do not apply in direct sunlight, rain, or wind. Refrain from applying on surfaces that have been subjected to prolonged sunlight exposure, or on surfaces that are frozen or at risk of freezing within 24 hours.

R10: Keep away from children.

R20/22: Harmful if inhaled or ingested.

R52/53: Toxic to aquatic life, may result in long-term detrimental effects in the aquatic ecosystem.

R65: Harmful. May result in lung damage if ingested.

S7: Store in a tightly sealed container.

S24/25: Avoid contact with eyes and skin. S28: In the event of skin contact, rinse immediately with abundant water.

S29: Do not discharge into the sewer.

S46: If ingested, seek medical attention promptly and present the container or label.