



### Product Overview

Quattro Q7-S1 is a white, cement-based, single-component, polymer-modified, high-performance adhesive mortar designed for bonding materials such as granite, specialty and artificial stone, tile, ceramics, porcelain, glass, mosaic, and clinker, among others.



### Application Domains

- On both horizontal and vertical surfaces indoors
- On horizontal and vertical surfaces in exterior spaces
- In applications on concrete or screed flooring surfaces
- It is utilized to adhere granite, ceramic, glass, mosaic, and porcelain.



### Technical Specifications

Intensity	1,50 kg/lt (± 0,05)
Colour	White, Gray
Water Mixing Ratio	7 to 7.5 liters of water for 25 kilograms of powder
Resting	5–10 Minutes
Working Hours	2.5–3 Hours
Crust Formation Duration	35 Minutes
Initial Tensile Adhesion Strength	≥1,25 N/mm <sup>2</sup>
Tensile and Adhesion Strength Following Water Immersion	≥1,25 N/mm <sup>2</sup>
Tensile Adhesion Strength Following Heat Aging	≥1,25 N/mm <sup>2</sup>
Freeze-Thaw Cycle Tensile Adhesion Strength	≥1,25 N/mm <sup>2</sup>
Extended Open Waiting Period Tensile Adhesion Strength After 30 Minutes Minimum.	≥1 N/mm <sup>2</sup>
Slip	≤0,5 mm

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 supersedes the information provided in the prior version. Our company retains the right to amend any information within this data sheet.



### Advantages

- Simple to prepare and implement
- Facilitates effortless application.
- It exhibits exceptional adhesion performance.
- It can be utilized with self-jointing.
- It is impervious to water and humidity.
- It is resilient and enduring.



### Surface Preparation

It is essential to ensure that the surface has attained its strength. 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 maintained throughout the application process. Caution must be exercised to prevent any puddles from forming on the surface during moistening. Surfaces that require repair should be filled and leveled with Quattro repair mortar 3–4 days before application.



### Mixture

25 kg of Quattro Q7-S1 in powder form is combined with 7-7.5 liters of clean water in a sanitized container and mixed using a low-speed mixer or drill for 3–4 minutes to prevent clumping, thereby achieving a uniform consistency.



### Application Details

The prepared Quattro Q7-S1 is then firmly pressed onto the bonding surface using a trowel, forming a layer. The mortar applied to the surface is combed with a notched trowel suitable for the type and/or size of the tile to be bonded. Within 35 minutes, the tiles are securely pressed into the mortar. A minimum of 90% of the back surface of the tiles should be in contact with the mortar. Effective adhesion can also be achieved by gently tapping the tiles with a plastic mallet. Depending on the type and size of the tile and/or the condition of the bonding surface, a double-sided bonding method may be employed by applying mortar to the back of the tiles. Grouting should occur after 24 hours for horizontal applications and 48 hours for vertical applications.



### Consumption

4 – 4.50 kg/m<sup>2</sup> (using a 6mm notched trowel)



### 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 between +10°C and +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 exposed to sunlight for prolonged periods, 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: Harmful to aquatic organisms; may result in long-term detrimental effects in the aquatic environment.

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.