



Product Overview

CLASS Remiks 5-10 is a high-performance, fiber-reinforced, single-component, cement-based, polymer-modified thin repair mortar designed for the repair of surfaces requiring fine corrections, including walls, ready-mixed concrete, and exposed concrete. It provides a practical and straightforward application process.



Application Domains

- In the interior and exterior areas of all structures
- In exposed concrete and cementitious plasters
- For the repair of impermeable and high-strength concrete on walls and ceilings.
- In the aesthetic restoration of concrete structures
- To achieve a smooth substrate prior to the application of granite and ceramics.
- In the restoration of edges and corners
- It is utilized in reinforced concrete buildings and structures on surfaces including aerated concrete, exposed concrete, prefabricated concrete, brick, and others.



Technical Specifications

Quality Standard Adherence	R1 Class
Mixture Density	1,57 kg/lt
Water Mixing Ratio	5-6 liters of water for 20 kilograms of powder
Bending Strength	$\geq 3 \text{ N/mm}^2$ (28 days)
Compressive Strength	$\geq 10 \text{ N/mm}^2$ (28 days)
Application Thickness	10-40 mm
Adhesive Strength	$\geq 1 \text{ N/mm}^2$

The information presented in this technical data sheet is derived from experimental results. The responsibility for the proper application of our original product rests with the user. Our company is solely accountable for the product's quality. This data sheet supersedes the information provided in the previous version. Our company reserves the right to amend any information contained within this data sheet.



Advantages

- It is straightforward to prepare and execute.
- It is impervious to water, frost, and severe weather conditions.
- Its adhesion performance and strength are exceptionally high.
- A polished surface is achieved.
- It does not fracture, diminish, droop, or fail during application.
- It allows the passage of water vapor.
- Fireproof.



Surface Preparation

The surface must be devoid of dust, oil, paint, dirt, silicone, and any other substances that could hinder adhesion. To achieve a smooth surface, any loose or damaged concrete should be removed using chisels or leveling tools. It is advisable to apply CLASS Primer T copolymer primer to the surfaces prior to application. If primer is not utilized, the surface should be moistened, ensuring that no water remains on the surface. Following priming, the surface should be allowed to rest for 5-10 minutes before applying the repair mortar to ensure proper adhesion.



Mixture

20 kg of CLASS Remix 5-10 powder is combined with 5-6 liters of clean water and mixed for 3-4 minutes using a low-speed mixer or drill until the mixture is homogeneous and free of lumps. This blend is then allowed to rest for 5-10 minutes, after which it is mixed again for 1-2 minutes before use. It is advisable to consume the mixture within 30 minutes. No additional additives or chemicals should be incorporated into the ready-to-use mixture.

Fine and Coarse Repair Mortar

Application Details

CLASS Remix 5-10, once prepared for application, should be distributed evenly across the surface with a steel trowel, ensuring a consistent thickness throughout. As it begins to dry, smoothing should be performed with a plastic trowel.

If multiple coats are to be applied, a waiting period of three hours is required between applications. The surface must be moistened prior to the application of the subsequent coat. The mixture should be stirred periodically to prevent crusting.

Consumption

Total 1.5-2 kg/m² for a thickness of 1 mm (varies based on surface depth and texture.)

Colour:

Gray

PACKAGING

20 kg Kraft bag

Shelf life

In its unopened packaging, it can be stored for 12 months in a cool, dry location, shielded from sunlight, at temperatures ranging from +10°C to +25°C.

Attention

Avoid applications when the ambient temperature is 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 extended periods, are frozen, or are 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 securely sealed container.

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

S29: Do not release into the sewage system.

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

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