

EKOKAT PERTHERM PLUS - IN

Heat Insulated Interior Wall Plaster



Description

The product is a cement-based, ready-for-use plaster mortar that can be applied to interior walls manually or by means of a machine to provide sound and heat insulation.

Technical Specifications

Color	Grey
Dry Unit Bulk Weight	500 ± 150 kg/m ³
Pressure Strength	CSI
Bond Strength	≥ 0,2 N/mm ²
Thermal Conductance	T1
Capillary Water Absorption	W1
Water Vapor Permeability	≤ 15
Fire Reaction Class	A1
Mixing Time	5 minutes of mixing – 2 minutes of resting - 2 minutes of mixing
Time for Usability	Max. 1 hours
Time for Processing	20 minutes
Drying Time	4-6 days
Application Thickness	15 mm - 20 mm
Time Required to be Waited For Application on It	2-4 days (This period might vary depending upon weather temperature, plaster thickness, and relative humidity ratio.)

* The above values are valid for + 23oC and 50% relative humidity. The time is shortened at high temperatures and extended at low temperatures.

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Areas of Use

It is used as rough plaster with the aim of contributing to sound and heat insulation at interior spaces.

Benefits

High sound and heat insulation
Fireproof (A1 class)
Practical and fast application
Suitable for manual and machine applications
Lightweight

Instructions for Use

The application surface should be clean, free of dust and grease, strong and moist. Cracks and holes must be completely repaired prior to the application. The surface must be smooth. Before the application, the surface must be absolutely humidified and must be saturated with water under very hot and windy weather conditions. It should be primed with EKOKAT EKOASTAR at least 24 hours before applying glossy surfaces such as gross concrete, and surfaces with high water absorbency.

A bag of 16 kg EKOKAT Insulated Interior Wall Plaster should be mixed with an average of 12,5-13,5 liters of water in a plastering machine, and the mortar so prepared must be applied by spraying. In manual applications, the mixture must be prepared using a low revolving mixer in accordance with the mixing times specified, and applied to the surface with a steel trowel. The application thickness should be between 15 mm and 20 mm. Depending on climatic conditions, starting one day after application, the surface will be watered in the shade twice in the morning and evening for at least 3 days.

No foreign materials should be added into the mortar. Each bag should be used as a whole and attention should be paid to the water ratios specified. Plaster nets should be used at different material joints and at points where movement may be possible. After application, all tools used should be washed with water before drying. The stated times are valid at a surface and ambient temperature of 20 ° C. The time is shortened at high temperatures and extended at low temperatures.

Do not apply above 35 ° C or below + 5 ° C. Avoid application under very humid and / or very hot weather conditions. Strong wind and direct sunshine should be avoided. It should not be applied on surfaces that are frozen, melted, or exposed to rain or frost within the last 24 hours.

Packaging

16 kg craft bags on shrink palettes.

Consumption

4,5 - 5 kg/m² for a plaster thickness of 1 cm.

Application Tools

Plastering machine, low revolving mixer, jig, steel trowel.

Application Restrictions

It should not be applied directly on metal, wooden, or wooden-top surfaces. Don't apply it on plaster surfaces. It is not applied onto surfaces with old paints, onto ready for use color plasters, or onto surfaces with unsound old plaster or with insulation panels.

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Storage Conditions and Shelf Life

It should be stored in its unopened original packaging, in a cool and dry environment. Avoid from exposure to direct sunlight. Shelf life is one year from date of production.

Safety Measures

Work clothes, protective gloves, goggles and masks suitable for workers health and safety should be used during the application. Due to irritant effects of uncured material, it should be washed with plenty of water and soap immediately in case of contact with skin and eyes. If swallowed, seek medical advice immediately. No food and drink should be brought into application areas. Store it out of reach of children. Please refer to the safety data sheet for further information.

S22: Do not breathe dust.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S29: Do not empty into drains.

S24/25: Avoid eye and skin contact.

S37/39: Wear suitable protective clothing, gloves and eye/face protection.

S46: S46: If swallowed, seek medical advice immediately and show this container or label

Risk Phrases

R7/8: Irritates the respiratory tract and skin.

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

Responsibility

Our Company may not be held liable for any application errors that might be suffered if the product is not used for its intended purposes, or if it is failed to conform to the conditions and proposals specified above regarding technical application. This technical data sheet contains information that is current as of the date of issuance hereof. The manufacturer hereby reserves its right to change this data sheet at any time.

■ EK 3004.020.25

 Grey

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