PERLITE PLASTER



**PRODUCT DESCRIPTION**

It is a cement based, manually applied, perlite plaster, reinforced with chemical additives, with water-resistant heat and sound insulation properties, and easy to apply.

**AREAS OF UTILIZATION**

It is used as fine plaster on rough plaster on interior and exterior facades of all buildings.

**ADVANTAGES OF THE PRODUCT**

* It can be easily applied on interior and exterior facades.
* Compared to classical plaster, it creates a surface that is not highly affected by humidity due to the chemical additives in it.
* It has higher adherence and strength compared to plaster and plaster based mixtures.
* Easy and quick application.
* It is water and frost resistant.
* It has high resistance to crack formation.
* Provides a smooth surface for satin application.
* It has an optimum working time.
* It is lighter than the classical thin plaster, and it does not it does not burden the structures with unnecessary load.

**SURFACE PREPARATION**

* The application should have gained its strength and clean on the surface, and should be cleaned of dust and anti-adhesive residues.
* Cracks and defects deeper than 3 mm should be repaired with **YurtKim Repair Mortar** 1 day before the application.
* Before the application, the surface must moistened and should be saturated with water in very hot and windy weather.
* **YurtKim Priming Coating EK220** should be applied on surfaces with high water absorption.

**APPLICATION**

* 35 kg **Yurtkim Perlite Plaster** is poured into approximately 7-8 liters of clean water and mixed with a mixer until no lumps remain.
* The prepared mixture is rested for 5 minutes, and it is mixed again for 1-2 minutes so that the mixture has a homogeneous form.
* It should be applied as fine plaster on rough plaster on interior and exterior facades of buildings.
* Surface after application; it should be moistened at regular intervals for 2-5 days, taking into account the weather conditions.
* Wait at least 1 week for the final coat application on **YurtKim Perlite Plaster**.
* Do not apply in strong winds, and the application surface should be saturated with water against fast drying.
* In order to obtain a smooth surface, when **YurtKim Perlite Plaster** hardens sufficiently, the plaster surface is trifil trowel applied and the application is finished with a damp sponge.

**TECHNICAL SPECIFICATIONS:**

* Class of Reaction to Fire: A1
* Application Temperature : +5 ˚C / +35 ˚C
* Mixing Ratio: 7-8 liters of water/35 kg
* Pot Life: 1 hour
* Compressive Strength : CS IV, ≥6 N/mm2
* Bonding Strength: ≥ 0.05 N/mm2 - FP : B
* Water absorption: W 0
* Dry Bulk Density: ≤ 1800 kg/m³
* Thermal conductivity: ≤ 0. 80 W/ mK (P=50% TS EN 1745)
* Application Thickness: Max 7mm.
* Smoothing Time: 10-15 min.
* Serviceable after: 2 days
* Temperature Resistance After Application - 20° C / + 80° C
* Consumption Amount: 1.4 kg/m² (for thickness of 1 cm)
* The above data was obtained based on the results of laboratory tests, and values may vary due to differences in the construction site environment.

**WARNINGS AND SUGGESTIONS**

* No foreign substances (Lime, Cement, Plaster, etc.) should be added to the plaster prepared.
* Do not deviate from the specified application surface and instructions for use.
* Application on frozen surfaces in cold weather should be avoided.
* Do not breathe directly. In case of contact with eyes, wash with plenty of water and consult your physician if necessary.
* YurtKim is not responsible for any issues or damages arising from the use of the product for purposes other than those specified, failure to comply with the specified storage, maintenance and application conditions, or incorrect application.

**COLOR**

Gray and White

**PACKAGING**

35 kg± 2% Kraft Bag (48 bags on a pallet, 1680 kg)

**SHELF LIFE**

Shelf life is 9 months when stored in its unopened original package in a way that is not exposed to moisture, dry and direct sunlight, provided that it is placed in a maximum of 8 rows on top of each other.

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| **YURTÇİM YAPI KİMYASALLARI SAN. TİC. A.Ş**  **Taşoluk Köyü Merkez/Muş 22**  **22** |
| **TS EN 998-1**  General purpose rough plaster mortar (GP)  Reaction to fire : Class A 1  Compressive Strength : CS IV, ≥6 N/mm2  Bonding strength : ≥ 0.05 N/mm2 - FP : B  Water absorption : W 0  Water vapor permeability coefficient (µ) : ≤ 35  Dry Bulk Density : ≤ 1800 kg/m³  Thermal conductivity : ≤0.80 W/m.K  (P=50% TS EN 1745)  Durability (against thawing-freezing) : The use of the mortar should be evaluated  according to the provisions applicable in the place where it is intended. |



**PERLITE PLASTER INTERIOR-EXTERIOR GP**