**AKMATIK®**

 **Cement-Based Machine Applied Plaster - White**

**White Appearance on the Facades**

**FIELD OF APPLICATION**

Applied on brick, aerated concrete, concrete, fair faced concrete, pumice concrete, briquette walls and ceiling surfaces of the interior and exterior faces of the buildings.

**CHARACTERISTICS**

Provides white appearance on the external and internal parts of the buildings.

Provides a strong surface with high adhesive resistance and strength.

It can be easily and rapidly applied with a machine.

**APPLICATION**

**SURFACE PREPARATION**

The surface of application will always be free of form oil, dust, paint and materials that reduce adherence.

Repair of the cracks and holes should be made with the same material or using appropriate Entegre Repair Mortars before application.

Application surface should be dampened with water, if required.

Pre-coating will be performed using PRIMEL® for surfaces such as aerated concrete, bricks, etc. 1 day before the application; and using PRIMEL® PLUS for smooth surfaces such as fair faced concrete 1 day before the application.

Application is initiated as soon as the surface is cured.

**PREPARATION AND APPLICATION OF THE MORTAR**

AKMATIK® should be mixed with ready-mix plaster mixer (10-11 l water/50 kg bag) and sprayed to the surface.

Application thickness should be between 1 cm and 2.5 cm in one coat. If the thickness is more than 2.5 cm, a second coat is applied in max. 2.5 cm thickness after the first coat is set.

Surface must be levelled.

The surface of the plaster will be polished when the plaster becomes hard enough and the surface will be finished with a damp sponge.

**CONSUMPTION**

Approx. 14,0 kg/m² for 1 cm of thickness

**TECHNICAL DATA**

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| Dry Bulk Density of Hardened Mortar, kg/m³ | 1400 ± 200 |
| Compressive Strength, N/mm² | > 1.5 (CS II) |
| Adhesion Strength, N/mm² | ≥ 0.3 (FP:B) |
| Capillary Water Absorption, kg/m².min0.5 | W0 |
| Water Vapour Permeability Coefficient (µ) | ≤ 25 |
| Average Thermal Conductivity, W/m.K | ≤ 0.66 |
| Reaction to Fire | A1 |

**PACKAGING AND STORAGE**

Available in 50 kg paper bags, delivered in pallets or as sling-bags upon request.

It is recommended to be consumed in 1 year from the date of production if stored in its original package without opening the package under dry, frost free conditions and is stacked as maximum 8 bags, and in 1 week after opening the package.

**RECOMMENDATIONS**

* No other materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
* It is recommended the application to be performed between +5°C and +35°C.
* AKMATIK® will be protected against quick drying under windy weather conditions.
* Surface should be watered in specific intervals within 3 days after the application to ensure its strength.
* It is recommended using fiberglass meshs on the joining areas of different materials and on the points that may be considered to be moving.
* Wait at least 10 days for the application to be performed on the AKMATIK® depending on the ambient temperature.
* Do not go beyond the application field and the rules.
* Do not inhale it directly. Wash your eyes with plenty of water in case of contact with eyes, seek medical attention if required.
* For detailed information, please request the safety data sheet.
* Contact us for your technical questions and for your questions about all other application conditions.

**CERTIFICATE OF CONFORMITY**

  TS EN 998-1 / February 2017 / A1-GP-CS II

Ministry of Public Works Pos.No: 04.475/A

*Above stated data obtained in lab conditions. Entegre will not be liable for any defect in product occurring by reason of events or conditions not within its control such as misuse, mishandling, improper storage or improper installation.*

*Entegre reserves the right to revise the information contained herein without prior notice.*

***ENTEGRE HARÇ SAN. ve TİC. A.Ş.***

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