

PRODUCT DESCRIPTION

Cement based, perlite granule filled, polymer reinforced, special ,exterior and interior thermal insulation plaster.

Momentum ECOFILL W thermal insulation plaster is used in interior and exterior facades. Does not form heat bridges. A1 class non-flammable, breathable material. Due to its low density, it does not put any load on the structures. It does not contain carcinogenic substances. Provides sound insulation. It is resistant to acid rain, prevents moisture and moisture and prevents mold and fungus formation. It does not undergo chemical degradation, it is equivalent to the life of your building.

SCOPE OF APPLICATION

Concrete, reinforced concrete, brick, pumice, aerated concrete, gypsum board, betopan, OSB, restoration of old buildings and works, interior and exterior insulation of buildings.

BENEFITS

- Class A1 Fireproof
- Good Heat Insulation
- Sound Dampening
- Water Mix Only
- Environmentally Friendly
- It is composed of inorganic and natural material
- Silica Free

SURFACE PREPARATION

- The surfaces to be applied must be dry and clean. If the application surfaces are damaged, they must be removed before plastering.
- If the application surface is old and painted; surface notched and swollen all parts should be removed from the ground. Adhesion enhancer, Gross concrete primer should be applied to the surface after cleaning and repair (MOMENTUM CORSE PRIMER-0,250 / m2 2 layer)
- If the surface to be applied is old and black plaster; If the floor is swollen by checking, or if there is an under plaster space, after removing these, adherence enhancing concrete primer should be applied (MOMENTUM CORSE PRIMER-0,250 / m2 2 layers)
- If the surface to be applied is gross concrete; adherence enhancer must be applied to the surface (MOMENTUM CORSE PRIMER-0,250 / m2 2 coats) and then a cement-based adhesive is applied in the form of a thin layer and heat insulation plaster should be applied.

NOTE: if the application area is very large on the concrete and gross concrete surfaces, the use of the net is eliminated.

PREPARATION OF PLASTER

One bag of Momentum ECOFILL is poured into the container where the mixture will be made and 12-13 liters of water is added and mixed with the mixer for 6-8 minutes. It is recommended that we mix all the bags at the same time before the mixtures are prepared. The prepared mixture should be used within 2 hours. Prepared mixtures are applied to the surface with a trowel or machine.

NOTE: If there is a wait, the material should be used after mixing well.

NOTE:Recommended to apply two layer

APPLICATION TEMPERATURE

Momentum ECOFILL uygulama in the application environment temperature +5 °C -35°C.

NOTE: if the temperature is more than 35 degrees, the surface to be treated should be diluted and after the first application, two applications should be done after the surface has been diluted.

APPLICATION

The wall surfaces to be applied should be cleaned and if there are defects on the surfaces, these defects should be removed. Anodes are mounted at regular intervals on the building surface. The previously prepared material is filled with steel trowel or plastering machine between the anodes. Then, the plaster is taken to the anular condition by correcting the plaster with excess gauge. With a steel trowel, the surface is given a decorative texture or a smooth appearance. Approximately 48 hours after the application, if desired, paint works

PROTECT MATERIALS

When the application is finished, the material should be plastered with a protective coating.
MOMENTUM ECOFILL + HITECH DECOR+PAINT

MATERIAL CONSUMPTION

4,0-5,0 kg on 1 m² surface for 1 cm thickness.

STORAGE CONDITIONS

+5 ° C and above in dry environment without contact with water.

PACKAGING

15 kg kraft paper bags.

SHELF LIFE

12 months in dry and rubless language.

TECHNICAL SPECIFICATIONS

EN 998-1 (T,A1,CSII,FP:B,W1,T1)

Appearance: White

Dry Density: 400 ± 150 kg/m³

Thermal Conductivity: T1 , <0.10 W/mK

Compressive Strength: CSI ≤1.50 N/mm²

Bond Strength: > 0,30 N/mm²

Water Absorption: W1 ≤ 0,45 kg/ m² min^{0.5}

Vapor Diffusion: ≤15μ (5-6)

Fire Resistance: CLASS A1; FIREPROOF

Atmospheric Ambient Strength: Resistant

Readiness Time to Paint: 48 Hours at appropriate ambient

Application Temperature Range: (+5°C) - (+35°C)

Pot Life: 1-2 hour

Dry Time: First dry 12 hour , last dry 48 hour , test dry 28 day

Note: Application between coats 12 hours

Mixing Ratio: 9-11,5 lt water / 15 kg powder

Application Type: Manually or with Machine

Stroge Time:12 month (at appropriate ambient)

Pakaging:15kg± karft p.bag

Consumption :(for 1 cm Thickness) : 4,00-5,00kg ±%10 / m²