



MICSHIELD™



**MICSHIELD
PLASTER EIFS**

Thermal Insulating Board

DESCRIPTION

MICSHEILD PLASTER EIFS is a cement based, single component, polymer modified, high performance, non-shrinking and non-cracking plaster mortar, which has been developed to be used as a plaster layer on thermal insulation boards.

ADVANTAGES

- Easily applied.
- Flexible- Provides high stability, no sagging and cracking.
- Water and frost resistant.
- Not affected by temperature changes.
- Non-flammable.
- Its adherence performance is high.
- Paint can directly be applied on the product



AREAS OF USE

- Indoors and outdoors
- Walls and ceilings
- Horizontal and vertical surfaces
- The product is used for plastering thermal insulation boards.

TECHNICAL DATA

| | |
|--|--------------------------------|
| Product | EIFS Basecoat/Adhesive. |
| Color | GREY |
| Appearance | Fine powder |
| Density | 1.60 kg/ltr |
| Water Mixture Rate | 5-6 ltr water for 25 kg Powder |
| Pot Life | 3 hours at 25oC |
| Ground Application Temperature | +5 °C, +30 °C |
| Application Thickness | Between 3-5 mm |
| Material Consumption | 8 -16kg/m ² |
| Compressive Strength | 10 Mpa @ 28 days |
| Flexural Strength | 3.50 Mpa @28 days |
| Pull of strength | 1.80 Mpa@28 days |
| Technical information correspond to the data, which were obtained at 20 °C(±2 °C) temperature and 50+5% relative humidity. | |

Surface Preparation

Application surface and plates must be solid and free of materials that prevent adhesion such as dust, oil, silicone, curing material, detergent etc. Plates to be plastered must be firmly anchored and settled on their place. If there are gaps between them, they must be filled with foam or the same material. Make sure that 48 hours pass after the adhesion of plates on the wall.

MIXING INSTRUCTIONS

25kg powder **MICSHEILD PLASTER EIFS** is added to 5-6ltr clean water in a clean container and mixed by means of a low-speed mixer or driller for 3-4 minutes in order to achieve homogeneity and prevent agglomeration. This mixture is stilled for mellowing for a period of 3-5 minutes and then re-mixed for 1-2 minutes. It is recommended that the mixture in the container is consumed within 1.5-2 hours.



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APPLICATION

MICSHEILD PLASTER EIFS is applied on the previously attached and anchored plate as the first coat in 2-3mm thickness by means of a steel trowel. Glass-fiber Mesh is embedded inside the fresh mortar from bottom to top while the plaster is still wet. Glass fiber Mesh is applied on connection points with overlapping method at 10cm intervals in order to prevent cracks. Glass-fiber Mesh be turned for at least 20 cm on corners and all girder, window, door frames. Second coat application can be started after 2-3 hours.

Second coating application must be in 2-3mm thickness and the surface must be moisturized before the application. Depending on the weather conditions, make sure that first coat is completely set and forming a cold joint must be avoided. After the application, the surface will be suitable for exterior siding. Sponge decreases surface adherence and cause dusting; therefore, avoid using sponge. If paint will be applied in the next phase, make sure that this application is started after 2-3 days depending on weather condi-

CLEANING

Clean tools and equipment with water after use.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

STORAGE

MICSHEILD PLASTER EIFS is supplied in 25kg paper sacks. Store material in a clean dry area protected from high humidity, moisture, direct sunlight, extreme heat and cold. Unopened packs can be stored for 12 months. Use oldest material first.

PACKING



25 Kg bags stored under dry conditions

This product is environmentally friendly

Manaseer Industrial Complex
is a member of US green building



Tel: + 962 6 5800600 Fax: + 962 6 5833890 P.O.Box 141414 Amman 11814, Jordan Website: www.manaseer-ic.com Email: info@manaseer-ic.com

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