



انظمة تشطيب
Finishing Systems

MESH FIX MF60

PRODUCT DESCRIPTION

DMC Mesh Fix MF60 is a high performance bonding and adhesive mortar to embed reinforcement mesh. MF60 can be used on expanded polystyrene or any other interior and exterior smooth, low-absorbant surface. MF60 is developed for the harsh Middle East climate conditions and optimized for the latest automatic mixing and spraying machines. MF60 is perfect to embed reinforcement mesh for External Insulation Finishing Systems (EIFS) in combination with DMC Styro Fix SF100.

TYPICAL APPLICATIONS

DMC MF60 is primarily used to embed fiber reinforcement mesh for External Insulation Finishing Systems. MF60 can also be used to glue polystyrene boards on any cementitious substrate.

FEATURES & BENEFITS

- High performance additives ensure excellent adhesion
- White colour for best results with decorative finishes
- Interior & exterior use

APPLICATION PROCEDURE

Surface preparation:

All surfaces must be clean, sound and free from all traces of oil, grease, mold release agent and curing compound. Concrete and renders should be cured sufficiently that all shrinkage has occurred.

Mixing instructions:

Add 25KG of MF60 to 6.0L of cool, clean and salt-free water. Mix to a uniform lump free consistency ideally with a mixing machine at slow speed and allow mixed material to stand for 5 minutes. Then mix again before use. Full bags should ideally be mixed in a mixing machine at slow speed. Part bags should be mixed using a slow speed drill and mixing paddle.

Application instructions:

If applied on cementitious material, dampen substrate with clean and salt-free water directly before application. Apply MF60 with trowel or spray gun to the substrate and then distribute material. To ensure a uniform thickness of 5mm, material should be combed with a 10mm notched trowel. Embed mesh into mortar bed and push it with a trowel gently into material until it is fully covered. Leave surface rough to ensure adhesion of subsequent layer.

Curing:

Wait minimum of one week before applying the next coat.

APPLICATION TEMPERATURE

Disclaimer: All data is derived by approved testing methods and application experiments under laboratory conditions. Deviations are possible under practical conditions.

TECHNICAL DATA

COMPOSITION

Binder:	Grey cement White cement
Aggregates:	Graded sand (max. grain size 1.0mm)
Additives:	Organic polymers to improve consistency and workability

SUBSTRATES

Concrete, fair-faced concrete, paint, polystyrene, render

APPLICATION

Mixing ratio:	6.0L per 25KG
Rec. min. thickness	3mm
Max. thickness/layer	6mm

TYPICAL PROPERTIES

Appearance:	White or grey powder (on Polystyrene)
Bonding strength:	>0.08N/mm ²
Colour:	Grey, White
Compressive strength:	>5.5N/mm ²
Consumption per m ² :	1.41kg/mm ²
Flexural strength:	>2N/mm ²
Impact resistance:	> 3Joules
Mortar class:	CS III
Water absorption coefficient:	< 0.5kg/m ²
Yield: approx.	700L/Ton

CONFORMITY

ASTM C109	ASTM C144
ASTM C150	ETAG 004 Adhesion/Impact
SASO EN 998-1	SASO-ISO-29803

FIRE CLASSIFICATION

A1, 100% noncombustible (EN 13501-1)



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MESH FIX MF60

Do not use material below 5°C, schedule work for morning hours during extreme heat.

LIMITATIONS OF USAGE

- Avoid applying the material in direct sunlight
- Always add material to the water
- Do not re-temper mixed material
- Do not mix with any other material
- Setting time of the product may vary largely depending on climatic conditions, substrates and application thickness of the product

TECHNICAL INFORMATION

Consult the DMC Technical Services Department for specific recommendations concerning all other applications. Visit the DMC website www.dmc-mix.com for additional information about products, systems and for updated literature.

SAFETY PRECAUTIONS

As with all building products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eye and skin immediately. If accidentally ingested, seek immediate medical attention. Use in well ventilated areas. Avoid inhalation of dust when using powdery products. Wear suitable protective gloves, safety goggles and respiratory protection mask.

STORAGE

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction. Shelf life is 9 months for all dry mortar products and 3 months for all liquids. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult DMC's Technical Services Department.

PACKAGING

- 25KG bag
- 1,200KG jumbo bag



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NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local DMC representative. DMC reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY & CARE

All products originating from DMC Saudi Arabia are manufactured under conformity to the requirements of the quality, environmental and occupational health & safety standards of the above mentioned SASO, ANSI, ASTM, ISO and DIN EN norms.

DISCLAIMER

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labor involved in the application are beyond our control. All data is derived by approved testing methods and application experiments under laboratory conditions. Deviations are possible under practical conditions. As all DMC technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

