



انظمة تشطيب
Finishing Systems

TILE FIX TF50

PRODUCT DESCRIPTION

DMC Tile Fix TF50 is a high performance tile adhesive for all ceramic/porcelain floor and wall tiles. TF50 combines excellent bonding strength with long application and correction time. TF50 is an economic choice for all small and medium sized tiles without compromising on its guaranteed bonding strength.

TYPICAL APPLICATIONS

DMC TF50 can be used for all ceramic/porcelain tiles for wall and floor areas made from concrete, render or dense bricks. It is suitable for interior and exterior applications.

FEATURES & BENEFITS

- No slipping of tile
- Excellent workability for very fast work progress
- For interior and 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, renders and blockwork should be cured sufficiently that all shrinkage has occurred. Minor surface inconsistencies should be filled and leveled out with TF50 in advance.

Mixing instructions:

Add 20KG of TF50 to 5.8L of cool, clean and salt-free water. Mix to a uniform lump free consistency ideally with a mixing machine at slow speed. Allow the material to rest, after 5 minutes stir again.

Application instructions:

Dampen substrate with clean and salt-free water directly before application. Apply 3-10mm layer of material with notched trowel to the surface. Place the tile, slide into position and lightly tap it down. Ensure that at least 75% of the tile surface has contact with adhesive. Make sure the tile is placed before material forms a skin on the surface.

APPLICATION TEMPERATURE

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

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

COMPOSITION

Binder:	Grey cement White cement
Aggregates:	Graded sand (max. grain size 0.5mm)
Additives:	Organic polymers to improve consistency and workability

SUBSTRATES

Concrete, fair-faced concrete, render

APPLICATION

Mixing ratio:	5.8L per 20KG
Rec. min. thickness	3mm
Max. thickness/layer	10mm

TYPICAL PROPERTIES

Appearance:	White or grey powder
Bonding strength:	> 0.5N/mm ²
Colour:	White/grey
Consumption per m ² :	1.24kg/mm
Mortar class:	C1-TE
Open time:	>20min
Pot life:	>60min
Yield: approx.	810L/Ton

CONFORMITY

ANSI 118.1	ANSI 118.15/T+E
EN 12004	SASO ISO 13007-1-2

FIRE CLASSIFICATION

A1, 100% noncombustible (EN 13501-1)



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TILE FIX TF50

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
- 20KG 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.



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