



انظمة تشطيب
Finishing Systems

TILE GROUT TG40

PRODUCT DESCRIPTION

DMC Tile Grout TG40 is approved for all general wall and floor tiling of ceramic tiles, as well as for wet areas such as showers and bath rooms. Its easy workability and high bonding strength ensures a smooth and abrasion resistant finish free from voids.

DMC TG40 is developed for the harsh Middle East climate conditions and all colors come with a 10 year warrantee against fading to create the perfect finish of your tiled surfaces.

TYPICAL APPLICATIONS

TG40 can be used for all general grouting where a high performance and durability is required. DMC TG40 is ideal for wet areas and commercial places where a high abrasion resistance is required.

FEATURES & BENEFITS

- High abrasion resistance for long performance
- Long bucket life for easy workability
- Reliable bonding and flexural strength

APPLICATION PROCEDURE

Surface preparation:

All joints must be clean and free from all excess tile adhesive, traces of oil, grease and other adhesion limiting defects. The tile adhesive should be cured evenly to avoid color variations of the grout.

Mixing instructions:

Add 20KG of TG40 to 6.1L of cool, clean and salt-free water. Mix to a uniform lump free consistency 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:

Dampen substrate with clean and salt-free water directly before application. Apply TG40 with stiff rubber float and press it firmly into the joints. After a few minutes apply a second layer and remove excess material from tiles. Wait till the tile grout starts settling and dampen the surface. Then wash the surface using a latex sponge or a latex sponge float with clean water. If needed wash again after some time to remove mortar veil from the tile surface.

Warning

Do not apply in areas requiring perfect impermeability and chemical resistance, such as dairies, butchers, chemical factories, tanneries, paper mills; any expansion joints must be sealed with a silicone sealant.

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 0.5mm)
Additives:	Organic polymers to improve consistency and workability

SUBSTRATES

Single- and double-fired ceramic tiles, split tiles, porcelain and glazed stoneware, natural and artificial stone

APPLICATION

Mixing ratio:	6.1L per 20KG
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TYPICAL PROPERTIES

Appearance:	White and coloured powder
Colour:	Precoloured, White
Compressive strength:	>15N/mm ²
Flexural strength:	>2.5N/mm ²
Mortar class:	CG1-A
Open time:	>7min
Pot life:	>30min
Shrinkage:	<3mm/m
Spread measure:	<1000cm
Water absorption coefficient:	<10kg/m ²
Yield: approx.	680L/Ton

CONFORMITY

SASO ISO 13007-3-4

FIRE CLASSIFICATION

A1, 100% noncombustible (EN 13501-1)



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APPLICATION PROCEDURE CONTINUED

Curing:

During rapid drying conditions such as hot climate, curing with a fine spray of clean water is required.

Cleaning:

Cleaning shall be done only with clear potable water for the first 28 days after installation. Do not use any cleaning agents until final curing has been completed.

APPLICATION TEMPERATURE

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
- Ensure that tools are clean
- Always add material to the water
- Do not re-temper mixed material
- Do not mix with any other material

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

- 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.

