



انظمة تشطيب  
Finishing Systems

## TOP COAT TC60

### PRODUCT DESCRIPTION

DMC Top Coat TC60 is a sprayable, high bonding thin render to create various durable finishes over new or repaired interior and exterior surfaces. TC60 combines easy workability on all substrates with crack-free curing. TC60 is ideal for finishing rendered surfaces or as a protective finish on External Insulated Facade Systems (EIFS).

### TYPICAL APPLICATIONS

DMC TC60 is primarily used as a fast exterior thin coat render to create various semi-rough finishes.

### FEATURES & BENEFITS

- No preparation needed on concrete
- Spray application for maximum m<sup>2</sup> per day
- Fast, crack-free & highly durable finish

### 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. Larger surface inconsistencies should be filled and leveled out with BR35+ in advance.

We recommend to prepare the surface with DMC Prime Coat PC10 to allow for easier application and a longer open time for Top Coat TC60.

#### Mixing instructions:

Add 25KG of TC60 to 5.5L of cool, clean and salt-free water. Mix to a uniform lump free consistency ideally with a mixing machine at slow speed. Allow mixed material to stand for 5 minutes, then mix it again. DMC recommends to use TC60 with an automatic mixing and spraying machine to enhance mixing quality and increase productivity.

#### Application instructions:

Dampen substrate with clean and salt-free water directly before application. Apply 3mm layer of material with trowel or spray gun to the wall. Don't exceed maximum thickness per layer of 5mm. Distribute and level applied material directly after application. Wait until material starts setting properly. Dampen the surface and finish with appropriate float in circular movements to create the desired finish.

#### Curing:

Cure for 2 – 3 days before painting. During rapid drying conditions such as hot climate, curing with a fine spray of clean water is required.

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:	Hydrated lime White cement
Aggregates:	Graded sand (max. grain size 1.2mm)
Additives:	Organic polymers to improve consistency and workability

### SUBSTRATES

Concrete, fair-faced concrete, render

### APPLICATION

Mixing ratio:	5.5L per 25KG
Rec. min. thickness	3mm
Max. thickness/layer	5mm

### TYPICAL PROPERTIES

Appearance:	White or coloured powder
Bonding strength:	>0.25N/mm <sup>2</sup>
Colour:	Precoloured, White
Compressive strength:	> 3.5N/mm <sup>2</sup>
Consumption per m <sup>2</sup> :	1.35kg/mm <sup>2</sup>
Flexural strength:	> 1.5N/mm <sup>2</sup>
Mortar class:	SASO EN 998-1 CS II
Yield: approx.	690L/Ton

### CONFORMITY

ASTM C109	ASTM C144
ASTM C150	ASTM C231/C-91
EN 1015-2	EN 1015-10
EN 1015-11	EN 1015-12
EN 1015-18	EN 1015-19
SASO EN 998-1	

### FIRE CLASSIFICATION

A1, 100% noncombustible (EN 13501-1)



Dry Mortar Company  
P.O. Box 355 798  
Riyadh 11383  
Kingdom of Saudi Arabia

Tel.: (011) 210 97 58  
Fax: (011) 275 47 93  
info@dmc-mix.com  
www.dmc-mix.com

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## 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
- Avoid work interruptions during application
- Do finishing steps before material starts to set
- Ensure that tools are clean
- 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](http://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.



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