



انظمة تشطيب  
Finishing Systems

## DECORATIVE COAT DC30

### PRODUCT DESCRIPTION

DMC Decorative Coat DC30 is a spray-able, rough thin render for all cement and lime based surfaces to create various structured finishes. DC30 can be used without preparation of the wall by primer. Applied by spray machine DC30 is a fast, economic and durable rough finish. DC30 is developed for the harsh Middle East climate conditions and optimized for the latest automatic mixing and spraying machines. DC30 is ideal as a rough finish on Base Render BR35+ or on external facade insulation systems (EIFS).

### TYPICAL APPLICATIONS

DMC DC30 is primarily used as a fast exterior coat to create various rough structured finishes.

### FEATURES & BENEFITS

- No primer needed
- Fast application for maximum m<sup>2</sup> per day
- Special grain size composition allows various structured finishes

### APPLICATION PROCEDURE

#### Surface preparation:

All surfaces must be clean, sound and free from all traces of oil, grease, mold release agent and curing compound. Substrate should be slightly rough and cured sufficiently that all shrinkage has occurred. 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, even finish and a longer open time for Decorative Coat DC30.

#### Mixing instructions:

Add 25KG of DC30 to 7.5L of cool, clean and salt-free water. Mix to a uniform lump free consistency ideally with a mixing machine at slow speed and allow 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 a mixing paddle.

#### Application instructions:

Thoroughly dampen substrate with clean and salt-free water directly before application. Apply DC30 with trowel or spray gun to the wall. Distribute and level material with trowel to a thickness of 2mm. Leave material for around 5 minutes. Then create desired finish with sponge float by applying sufficient pressure so the big grains in the material move and bring structure in the finish. Make sure to finish a wall entirely to ensure material is always applied wet on wet.

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 2.0mm)
Additives:	Organic polymers to improve consistency and workability

### SUBSTRATES

Render

### APPLICATION

Mixing ratio:	7.5L per 25KG
Rec. min. thickness	2mm
Max. thickness/layer	2mm

### TYPICAL PROPERTIES

Appearance:	White powder
Bonding strength:	> 0.3N/mm <sup>2</sup>
Colour:	White
Compressive strength:	> 3.5N/mm <sup>2</sup>
Consumption per m <sup>2</sup> :	1.24kg/mm <sup>2</sup>
Flexural strength:	> 1N/mm <sup>2</sup>
Mortar class:	SASO EN 998-1 CS II
Water absorption coefficient:	kg/m <sup>2</sup>
Yield: approx.	810L/Ton

### CONFORMITY

ASTM C109	ASTM C144
ASTM C150	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)



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## APPLICATION PROCEDURE CONTINUED

### Curing:

Leave for a minimum of 24 hours for curing. During rapid drying conditions such as hot climate, curing with a fine spray of clean water is required.

## 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



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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, 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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