



انظمة تشطيب
Finishing Systems

PRIME COAT PC10

PRODUCT DESCRIPTION

DMC Prime Coat PC10 is primer concentrate to prepare substrates for the later application of thin coat decorative renders and other similar coatings.

Prime Coat PC10 reduces/evens out the water absorption of the substrate. This allows for better bonding and a longer open time of later applied decorative renders and an even drying time.

PC10 is a solvent free, pre-mixed cementitious material that is mixed on site with water and has been developed for the harsh Middle East climate conditions.

Application is by paint roller or hopper gun.

PC10 is approved for internal and external applications.

TYPICAL APPLICATIONS

Used as primer for gypsum based substrates as well as on rendered cement or lime based surfaces to reduce high or uneven water absorption for improved workability of decorative finishing renders.

Approved also on fair face concrete or well adhering previous paint layers to improve bonding of the following decorative finishes.

FEATURES & BENEFITS

- Reduces water absorption of substrate
- Improved bonding workability of finishing renders
- Easy application by roller or spray gun

APPLICATION PROCEDURE

Surface preparation:

All surfaces must be dry, 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. Badly adhering paint layers must be removed. Depending on the chosen finish, minor surface inconsistencies should be filled and leveled out in advance. Cover all adjacent areas not to be painted on. Remove any drips with plenty of water.

Mixing instructions:

Mix PC10 with 8.6 of cool, clean and salt-free water. Mix to a uniform lump free consistency ideally with a mixing machine at slow speed. Allow to sit for 10 minutes and mix again.

Application instructions:

Apply Prime Coat PC10 with a suitable roller or brush or spray evenly and ensure to cover the entire surface. Occasionally stir again. Allow PC10 to dry out completely. Depending on substrate and temperature allow for 12 to 24 hours before applying another coat of PC10 or the decorative finish render.

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

SUBSTRATES

AAC, blockwork, concrete, fair-faced concrete, gypsum board, paint, red brick, render

APPLICATION

| | |
|----------------------|---------------|
| Mixing ratio: | 8.6L per 20KG |
| Rec. min. thickness | 0.5mm |
| Max. thickness/layer | 0.5mm |

TYPICAL PROPERTIES

| | |
|-------------------------------|-----------------------|
| Appearance: | White Powder |
| Bonding strength: | >1N/mm ² |
| Colour: | White |
| Coverage: | > 30m ² |
| Water absorption coefficient: | <1.5kg/m ² |

CONFORMITY

| | |
|------------|------------|
| EN 998-1 | EN 1015-12 |
| EN 1015-18 | |

FIRE CLASSIFICATION

A1, 100% noncombustible (EN 13501-1)



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APPLICATION PROCEDURE CONTINUED

During hot climate apply only to shaded parts or in the cool morning hours away from direct sun. Do not apply during rain or expected rain within the following 24 hours.

Cleaning Instructions:

Immediately following the application wash out all tools and equipment with water.

APPLICATION TEMPERATURE

Do not use material below 5°C, schedule work for morning hours during extreme heat and do not apply in direct sunshine.

LIMITATIONS OF USAGE

- Avoid applying the material in direct sunlight or if the surface temperature is more than 40°C
- Always add material to the water
- Do not re-temper mixed material
- Do not mix with any other material
- Do not apply during rain or if rain is expected within 24 hours

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.

