

DMC KALK

PRODUCT OVERVIEW

DMC KALK is a natural paint that has been developed specifically for all exterior absorbent wall surfaces.

KALK requires no undercoat or sealer and can be applied immediately to new and old surfaces.

PERFECT FOR

- Lime or cement rendered walls
- Brickwork
- Most natural stones
- Adobe blocks
- Rammed or stabilized earth
- Mud brick structures
- Cement blocks
- Historic buildings
- Straw-bale

MAIN CHARACTERISTICS

- not film forming, will not blister or peel
- simple application, easy redecoration
- being mineral based it is 100% UV-stable, will not fade
- completely permeable, allows walls to 'breathe' will not lock moisture into walls
- non-flammable -test standard AS/NZS 1530.3-1999
- reduces surface stress due to heat reducing micro crystals -leaving the surface up to 12°C cooler
- strengthens and protects masonry surfaces by maintaining alkaline levels
- non-toxic, no fumes, free from VOC's
- safe for people with allergies or chemical sensitivity
- water-based, easy clean without pollution of waterways
- natural antibacterial properties
- protects against the weather and adverse pollutants
- no electro-static charge — will not attract dust
- Good environmental choice certified product

TOOLS

It is our recommendation that **DMC** paints be applied with a natural fibre brush

- it can also be applied with a foam roller or paint pad
- airless spray machine -keeping nozzle clean and paint well agitated
- stirring implement e.g. whisk
- all equipment cleans out in water without harmful pollution to the environment

COVERAGE

- Absorbent surfaces: Approximately 7–10m²/litre/coat

Recommendations for coverage are to be used as a guide only, variation in quantity needed will depend on the porosity of the surface to be painted.

We always recommend the use of sample for an accurate colour representation on your particular surface and light conditions

COLOURS

DMC uses artist-quality earthen and mineral pigments, which allow for the development of a comprehensive colour range, from natural earthy tones to bright modern colours, resulting in a superior durable finish. Colours may be mixed to match existing features.

Choose from over 800 colours or use our colour matching service to create your own.

DMC pigments carry the "Good Environmental Choice" Label, allowing you to safely specify tinted paint in a wide range of non toxic colours.

DMC Colours look the same in both ranges of **KALK** and **UBER**

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APPLICATION ON NEW ABSORBENT SURFACES

- no undercoat required
- dampen all areas to be painted with a fine mist spray
- protect all surfaces that are not to be painted, especially absorbent surfaces.
- can be applied as soon as surface is ready
- on lime render no curing time needed
- on cement-based render walls 7–15 days for curation is recommended prior to painting
- can be applied into damp surfaces
- simple application we recommend 3 coats for exterior wall surfaces
- by large natural bristle brush
- sponge roller
- airless spray machine
- paint will bond with wall surface
- easy cleanup without pollution of waterways
- keep wall surface free from glues or other contaminants which may affect absorbency or wall consistency

APPLICATION ON OLD ABSORBENT SURFACES

- no undercoat required
- brush down any loose material
- repair all surface imperfections in the usual manner, where possible use repair materials similar to the surrounding substrate
- if previously painted with **DMC Kalk** 1-2 coats will refresh, paint will strengthen previous **DMC** paint layers or masonry structures
- ensure protection from rain or a rain free period of at least three days after painting is completed. After rain do not paint into water saturated surfaces; allow surface to wind dry before commencing with painting.

IMPORTANT SUBSTRATE INFORMATION

All absorbent uniform and sound sand-lime- cement renders, or variants.

Surface must be free from soluble salts, cracks, oils or other surface contamination on a sound substrate and of sound adherence. do not add waterproofing agents, chemical plasticizers ,acrylic or polymeric additives.

Render finish should be uniform, use v-joints for large areas that cannot be finished in one day (multi storey) or architectural elements such as corbeling.

On exterior walls- to avoid ghosting of bricks when the finish is wet -we recommend that 2 coats of render are applied.

Avoid contamination with other materials, such as acrylic or oil paints and undercoats, construction glues, silicone or gap fillers.

WEATHER

- Make sure the weather is going to be clear for three days after exterior application
- **DMC** recommends the ideal temperature for painting to be 8–30 degrees Celsius

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APPLICATION GUIDE

- lightly spray walls with water to dampen walls prior to painting the first coat.
This allows the first coat to be brushed on more evenly reducing the drying time for a better curing process
- open paint container and stir thoroughly. Decant into same size or larger container, repeat until completely mixed .
- do not be alarmed at the darker, transparent look of the paint. As it dries it will lighten to the chosen colour and become opaque
- seal paint container during breaks and periods of non-use.
- repeat stirring and decanting process after breaks and at start of new working day
- continue to stir paint regularly throughout the painting process
- dip the brush or implement into bucket, flick off the excess paint. Brush or implement can hold a lot of paint but should not be dripping
- using a brush or other recommended equipment and beginning at a wall corner, use loose, free strokes to stretch the paint as far as possible in all directions varying horizontal with vertical strokes — do not leave drips or runs
- maintain a wet edge at all times to prevent colour overlays
- it is very important not to compensate for this transparency by overloading the brush/equipment or walls with paint, as this will result in poor adherence and powdering
- when paint is touch dry, further coats may be applied allowing for full colour to develop. Three coats are recommended. During cold or humid conditions allow for a further day between coats
- when building or renovating, schedule **DMC** painting as the last trade.
- wash up brushes and spills in water

PAINT APPLICATORS

The Paint Contractor shall check supplied paint matches ordered type, amount and colour code and is fit for the purpose of application.

Any variations shall be communicated immediately before commencement of paint application.

The Paint Contractor shall ensure adequate number of personnel is being employed relevant to the job requirements. Large areas without any natural breaks may need applicators to work seamlessly across the surface to avoid dry-lines and overlaps.

DRYING TIME

Usually around one hour, however in cold weather we recommend leaving a longer period between coats.

Paint should be touch dry in a short period. It will cure for about two weeks. when paint is touch dry, further coats may be applied allowing for full colour to develop. Three coats are recommended.

During cold or humid conditions allow for a further day between coats

Wash up brushes and spills in water

DMC recommends the ideal temperature for painting to be 8–30 degrees Celsius

CARE

Harmful and toxic chemicals are often used in many paints to make them durable. The more indestructible a paint is the more toxic chemicals there are usually present.

Because of the unique and natural properties of **DMC Paints** they hold no static charge which means dust and dirt is not attracted to the walls surface keeping it naturally cleaner- unlike conventional paint systems which have a high electro magnetic charge

Paint will be touch dry in a short period, however it will cure for about two weeks before developing full strength

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HANDLING

The base material of **DMC** Paint is calcium hydroxide, although heavily diluted it is classified as a caustic substance. Prolonged contact can break down the natural oils that protect the skin.

PROTECTION

- Wear eye protection.
- Use rubber gloves and barrier cream
- Wash hands well after handling, especially before eating

FIRST AID

SKIN CONTACT wash with plenty of soapy water

EYE CONTACT rinse with plenty of water, see doctor immediately

INGESTION drink plenty of water, see doctor immediately

CLEANING

Normal protection for all areas not to be painted, clean brushes with mild soapy water away from food handling areas

SPILLAGE

Use sand for spillage, wash with clean water, final cleaning with weak solution of vinegar

DISPOSAL

Allow water to evaporate, remaining cake can be safely disposed of in normal household waste

STORAGE

DMC Paints are best stored in an airtight container in a cool dark , in a container comparable to its volume to avoid oxydisation.

DISCLAIMER

Any advice, recommendation, information, assistance or service provided by DMC in relation to goods manufactured by it or their use and application is given in good faith and is believed by DMC to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by DMC is provided without liability or responsibility provided that the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon DMC by any condition or warranty.

