



CEMENT NATURALS – DATA SHEET

Amended FEB 2015

Description:

Africote Cement Naturals is a durable pigmented cementitious paint requiring only the addition of clean tap water. Based on Portland cement it contains both weather and ultra violet resistant chemicals and has self-curing properties.

Africote Cement Naturals has passed the requirement of the AGRÉMENT 24 hour Rain Penetration Resistance. (RPR)

Cement Naturals will streak where there is run-off water from parapets, overhangs, outlets and balconies etc.

The flat surface on top of walls (perimeter walls etc) should be slightly domed and treated with Platinum Waterproofing for two reasons:

A If water pools from a small amount of rain, this water becomes dark from dust, smog etc. Should this overflow dark run marks will result.

B Should the dirty water seep into the top of the wall, dark smudges and/or damp will show near the top of the wall.

Although the best light fast oxides are used in Cement Naturals, the rain and sun will cause the cement and marble content in the product to weather and wash-out over the years. For this reason, surfaces receiving the most rain & sun will weather more.

Suitable surfaces for application:

- On raw plastered walls.
- Brick, block or similar masonry finishes. Will provide a durable, economical, water resistant coating when applied directly onto walls, eliminating the need for plastering.
- Pre-painted PVA surfaces must be coated with one coat of either Fillercoate or Slurry, plus Bond Kit prior to applying Cement Naturals to ensure a suitable surface to which the Cement Naturals can bond.

Preparation:

Powdery and flaky surfaces

Remove all loose materials via scraping, wire brush etc. Apply a minimum of one coat Africote Bonding Liquid.

Plaster with varying porosities, chase marks and patch marks:

This will show different colour shades when painted with Cement Naturals if the surface is not properly prepared. To avoid this apply Africote Fillercoate or Slurry, plus Bond kit to even the porosity and minimise the blemishes in the substrate mirroring through. This serves as a fail proof bond coat and provides sufficient suction and water retention to cure the final coat. Please refer to the necessary Africote datasheets for more info regarding those products.

General Preparation:

In all cases prior to painting on problematic or good surfaces, thoroughly wet down the walls to be painted. Walls should be air dry before painting.

Ensure the new plaster/substrate is a minimum of 28 days old. Wet down newly plastered walls 3 times a day for a minimum of 3 days **prior** to application.

This will ensure better hydration of the cement.

Mixing ratios for water:

Course: 8 to 9 liters of clean tap water/25kg bag.

Fine: 11 to 12 litres of clean tap water/25kg bag.

Ultra Fine: 1 Part of water to 1 part of Ultra Fine powder

NB: Do not add excess water as this will break down the product.

Place the water in a suitable 25 Litre metal bucket. Slowly add the powder while mixing vigorously. Use a paddle mixer to obtain a lump free creamy consistency. Allow the paint to stand for 10 minutes to gel. Stir every 5 minutes during application.

Do not mix more material than can be used within the one-hour pot life.

Application:

Use a large soft block brush. Apply a liberal coating and work well into imperfections.

Allow at least 24 hours between coats. **Two coats are required for best results.**

Maintain a wet edge when painting, i.e. paint the entire wall corner to corner before taking a break to avoid drying lines.

Note that the pattern left by the final brush strokes will be visible once the coating has dried. To achieve the desired visual effect the final brush strokes should be uniform and vertical.

If the product is insufficient and a further batch is needed, then finish the current coat at a corner or edge or some feature to hide any small colour variance, especially if a different batch has to be used.

Curing:

For Cement Naturals to achieve a fast hard finish, especially in hot dry conditions the painted surface should be wet down three times during the day after application.

Due to the Nature of the product and especially in cold and wet conditions **efflorescence may occur** which is a common and natural occurrence, whereby salts move through to the surface of the coating and leave a white powdery film. This film will lighten and dissipate with time.

Alternatively this film can be washed down with a dilute solution of Africote Acid wash **immediately** after the acid wash, rinse **thoroughly** with clean water.

Sealing optional:

Indoors: Seal with two coats of Africote Matt Sealer to facilitate washing.

Outdoors: The product will continue to mottle and age over time. Once satisfied with the degree of mottling and ageing that has taken place, seal with two coats of Africote's matt sealer applied to manufacturers instructions. This will reduce the "wet" look appearance every time it rains. Make sure paint has properly dried for 2 to 3 days before applying sealants.

Coverage:

Always measure the area to be coated and add 10% for wastage.
Order one batch for the entire job to avoid any shade variation from one batch to another.
Coverage depends on surface texture and porosity.

Course

15 – 20 sq.m per 25 kg bag, onto raw brickwork.
40 – 50 sq.m on plaster surfaces.

Fine

18 – 25 sq.m per 25 kg bag onto raw brickwork.
50 – 60 sq.m on plaster surfaces.

Ultra Fine

90 – 100 sq.m per 30 kg bag onto plastered surfaces.

Colours: Available in 48 Natural Colours.

Shelf Life:

6 months – Store in dry cool conditions and ensure bag is properly sealed.

General information:

Cleaning of tools: Wash immediately after use with water.

IMPORTANT REMINDER

All surfaces must always be totally saturated with water and allowed to air dry prior to coating. This reduces suction, improves coverage and provides a workable substrate to help maintain a wet edge and allows moisture from the substrate to thoroughly cure the final coat.

Remember to saturate the walls with water 3 times with a fine mist spray 24 hours after application. This also enhances the mottling effect and aesthetic value and aids curing or hardening of the coating.

Caution:

Do not apply cement paint if rain is expected within 6 hours after application.
Do not use borehole water; this is normally alkaline and contains a high level of dissolved salts.

Health and Safety:

This product contains fine cement and aggregates. Avoid inhalation and contact with the product. Contact may cause irritation to sensitive skin. Wear suitable protective clothing, such as gloves. In case of insufficient ventilation, wear suitable respiratory protection.

First Aid:

Eyes:

In case of contact with eyes do not rub. Immediately flush with plenty of clean water.

Skin

Wash thoroughly with soap and water.

Inhalation

Move to fresh air.

If symptoms persist or develop, or if ingested, seek medical attention.

Wash thoroughly immediately after handling.

DO NOT TAKE INTERNALLY

KEEP OUT OF REACH OF CHILDREN

THIS PRODUCT IS NOT FLAMMABLE

NB: **No** claims will be entertained where applications are done using other manufacturer's products in combination with Africote products. This includes bonding liquids, filler coats, sealers, undercoats etc.

NB: Due to ongoing research and development undertaken on our coatings and the application process, coupled with technological advances in the industry, please consult our factory to ensure you have the latest Data Sheet.