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DATA SHEET - STUCCO

DESCRIPTION:

Stucco has three distinct finishes:

Stucco powder that gives an extremely smooth finish with a mottled marble effect that has movement.

Stucco powder with Vermiculite flakes to give the effect of stone or metallic inclusions.

Stucco powder with specks. Similar to Stucco with vermiculite flakes except the specks are nearly black, are smaller and more even in size.

Africote Stucco has been designed and formulated to give the effect of traditional Italian plasters (Intanaco). Africote Interior Stucco's are ideal for use in high moisture areas such as kitchens, bathrooms, and showers.

Stucco is best applied on masonry surfaces. Suitable for Interior use only.

Surface Preparation:

Prior to application the area to be plastered must be dampened to avoid excessive loss of moisture from the freshly applied Stucco onto the substrate.

The surface must be damp but **not** wet. This increases coverage and facilitates application.

Moisture loss results in early shrinkage cracks.

PREPARATION FOR CEMENT BASED MORTAR OR PLASTER SURFACES:

Surface must be sound and free of chase marks, hairline cracks and patch marks. If any of the above is present, apply Africote Slurrycote or Fillercoate as specified in the Africote Data Sheet.

PREPARATION FOR APPLICATION ONTO PVA PAINTED SURFACES:

Make sure that the surface is free of latent, powdering, and flaking materials. Treat powdery surfaces with Africote Slurry Kit according to manufacturers instructions. Allow to dry for 24 hours, but not more than 72 hours before applying the Stucco.

PREPARATION FOR APPLICATION ONTO ENAMEL AND SMOOTH PAINTED SURFACES:

Sand the surface thoroughly with medium paper. Remove dust with damp cloth.

Apply Africote's Slurry Cote or Fillercoate as per Manufacturer's instructions.

Allow to dry for 24 hours, but not longer than 3 days.

MIXING AND APPLICATION - First Coat:

Mix 1.6L of clean water to 5kg of Africote Stucco

Alternatively: 9.5l of clean water to 30kg Africote Stucco.

In a steel mixing vessel using a mechanical stirrer. Do not use a plastic container, as pieces of plastic will be scraped off the container during mixing. These plastic pieces will interfere with application.

Add powder to water while stirring.

Allow mix to stand for 10 minutes. Remix and adjust viscosity with clean water if necessary.

Apply a thin coat (about 1 mm) with a steel trowel over entire area.

Allow first coat to dry for 24 hours.

If trowel marks or uneven finish is visible sand using 100g to flatten.

MIXING AND APPLICATION - Second Coat:

Same method as the first coat. The second coat can be applied slightly thinner than the first coat.

Trowel the entire surface using a uniform action.

To achieve an aged effect that has movement and a smooth finish the second coat can be allowed to stiffen or harden for 10 to 40 minutes and then “floated”.

To float the Stucco, use a fine spray of clean water and firmly run the **steel** trowel over the surface to give a glass like finish.

Be careful not to let the water run, as the run marks will be visible in the finished surface.

If the Stucco has not been allowed to stiffen sufficiently, it will “peel” off the wall when floating.

Allow to dry for 24 hours.

To remove unwanted trowel marks sand lightly with 220 grit sandpaper.

Sanding reduces the light and dark colour variation caused by trowelling.

ORDER ONE BATCH FOR THE ENTIRE JOB

Prior to ordering calculate the entire area to be plastered and add 10% for wastage to ensure that one batch is manufactured to avoid batch colour differences. Rough, uneven surfaces require up to 3 times more than smooth, even and well trowelled surfaces.

STUCCO WITH VERMICULITE FLAKES OR SPECKS:

Mixing and Application:

The vermiculite flakes or Specks can be purchased pre-blended with the Stucco, or the vermiculite flakes can be purchased separately and mixed with the stucco on site, prior to application.

Add 1 to 5 Kg of vermiculite flakes/specks per 30 Kg pocket of Stucco, depending on the final effect required. Mix the vermiculite flakes/specks thoroughly into the dry powder.

Mix and apply as detailed above, using Stucco plus vermiculite flakes or specks for the first coat and Stucco with **no** vermiculite flakes or specks for the second coat.

Due to the vermiculite flakes/specks the first coat will be slightly lumpy and therefore a little more difficult to apply. The first coat will also be thicker (1.5 to 2.5mm) to allow for the grains and flakes of vermiculite flakes or specks. Sand this coat using 80 to 100grit sandpaper. This is to reveal the vermiculite or specs.

Apply the second coat without vermiculite flakes/specks this will now even up the surface.

Allow to dry for 24 hours.

Sand the surface with a slightly coarser sandpaper, about 100 grit, to expose the vermiculite flakes/specks. When the desired level of exposure is reached, finish sanding with 220 grit sandpaper.

While sanding look out for small indentations that might not have been sanded. If left un-sanded these areas will be more noticeable after sealing.

The final effect is very much a personal touch and preference.

NOTE – When ordering Stucco with Vermiculite flakes or specks, order about 1/3 of this amount of Stucco without vermiculite flakes/specks to apply for the second coat.

SEALING:

Wipe off any dust on the Stucco with a clean damp cloth.

Stucco should be sealed with two even coats of Africote Matt Sealer or Africote Fastseal Gloss.

SHOWERS:

When used in showers, Stucco should be sealed with Africote Twin Pack Poly-urethane Sealer or Epoxy Sealer.

Note that the colour of the Stucco will **darken** up to 5 shades with the application of the Twin Pack or Epoxy sealers. To minimize this darkening effect the Stucco should first be coated with a coat of Africote Matt Sealer. Allow 6 hours before applying Twin Pack or Epoxy.

If applying Twin Pack or Epoxy Sealer directly to the Stucco, ensure the surface is completely dry as uncured Twin Pack and Epoxy are sensitive to moisture. The moisture from the damp cloth to remove dust must evaporate completely.

Twin Pack or Epoxy will completely seal the surface and trap in any moisture.

If Stucco is placed over fresh plaster or screed and then sealed, the moisture in the plaster will result in a blotchy appearance of the Stucco.

For this reason, the plaster or screed beneath the Stucco must be cured and dry. The plaster or screed should be a minimum of 28 days old.

All sealers must be applied as evenly as possible. Overlap and roll out in all directions, always finishing off in the same direction.

For an even finish without roller or brush marks, Matt Sealer should be applied with a quality sponge.

Coverage: approx. 15m² per 30kg

Packaging: 30 kg Polypropylene pockets.

Vermiculite flakes & Specs: 5 Kg Plastic bags.

Shelf Life: 6 months

Colour Range: 15 standard colours.

GENERAL INFORMATION:

Being a cement-based product, Stucco pockets should be stored well away from any moisture. Keep pockets sealed and off the floor.

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 water.

Skin: Wash thoroughly with soap and water.

Inhalation: Move to fresh air.

In all cases, if symptoms persist or develop, seek medical attention.

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 manufacturers 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