



Amended 27-08-2015

DATA SHEET

GLEAMCOTE SELF LEVELING

DESCRIPTION

Africote Gleamcote self leveling is a epoxy based solvent free two part Tertiary / Amide cured epoxy system designed to give a seamless floor with excellent chemical resistance, durable and hard wearing surface when applied for domestic or industrial use

For **internal** use only. Exposure to direct sunlight will cause yellowing and deterioration over time.

SURFACE PREPARATION AND INSPECTION

Surface must be clean, dry and sound. Free of any powdering. Any contamination will result in product failure.

For new concrete floors it **Must** be acid washed 1st using Africote's **Acid Edge**, apply the product directly to the floor (do not dilute) using a hard bristle broom wash the floor, after completion rinse the floor with clean water leave the floor to dry for a day or two, please ensure the rinse is done properly no traces of the Acid Edge must be left on the floor

CAUTION: Africote Gleamcote is extremely sensitive to "fish eye" bubble formation. The following are the causes:

- Free moisture in floor and air greater than 4% - take moisture readings if in doubt. Ensure the surface is dry.

MIXING

The mix ratio is 5 parts to 1 parts (5 x parts A / Paint to 1 parts B / Hardener)
Note that the containers are not full, Reason for this is that the product is sold in weight and not volume; it is 5kg / 20kg for part A and 1kg / 5kg for part B

Use only clean & dry metal containers.

Add the contents of the container marked HARDENER / Part B and the container marked Gleamcote part A (Paint) together in a suitable container.

Using a suitable **mechanical stirrer THOROUGHLY FOR 10 MINUTES (if this is not done there is a possibility of colour separation of the two components on the finished floor leaving then UN desired markings)**

THEN LEAVE THE TWO MIXED COMPONENTS IN THE CONTAINER FOR 5 MINUTES FOR MOST OF THE AIR INTRAPMENT TO ESCAPE mix the Part A with the Part B. Mix slowly to minimize air entrapment. **NB: Make sure that all equipment and tools plus container used to mix the products are clean and moisture free.**

Do not mix Africote Gleamcote with Hardener than can be applied within 1 hour. On hot summers days the pot life could be less than one hour.

APPLICATION

Use the Africote Epoxy Rake (Refer to datasheet for further information). Drag out to an even thickness **slowly**, depending on the thickness requirements. **Maintain a wet edge at all times.**

The self levelling properties of the product will level between 1.5 to 2mm dry film thicknesses. The Gleamcote CAN be applied at any thickness as long as it is barred of and won't be able to flow to its normal and natural levelling level.

RECOMMENDED FILM THICKNESS

For heavy duty chemical plants and high traffic areas the recommended dry film thickness is 1.5 to 2mm

For domestic and light duty floors recommended dry film thickness is 500 micron up to 1mm.

Gleamcote after application must be left for at least 48 hrs. To cure before any traffic on the floor, also no feeling or touching the product in this 48 hrs. time frame (the oil / fat in your finger tips will react with epoxy and cause matt marks in the film) , full cure take 7 days therefore care should be taken within the first week to avoid heavy traffic on floor.

Although Epoxy sealers are known for their hardness, they will not withstand heavy traffic within the 1st 7days

Usage of floors

Chairs with a small footprint and / or sharp edges on the foot-piece may leave marks. " Rocking " on a chair intensifies the pressure on the floor cover the foot-piece of the furniture with carpeting or plastic cap. Do not drag heavy furniture across the floor. When dropped, heavy knives and cutlery can penetrate the film leaving UN desired marks and chips in the floor film. Because the Gleamcote is still a plastic film and gives such a high gloss seamless finish the possibility of scuff and scratch marks is a reality , to prevent this Africote recommend after the 48hrs initial curing to then apply one single coat Africote floor coat epoxy clear matt , this will eliminate visible scratch and scuff marks

Packaging – Two Part System

6kg pack

Gleamcote part A 5 Litre metal container with 5kg of product.
Gleamcote part B 1 Litre metal container with 1kg of hardener

25kg pack

Gleamcote part A 20 Litre metal container with 20kg of product.
Gleamcote part B 5 Litre metal container with 5kg of product.

Std. colour range

Carnelian, Smokey Quartz, Sunstone, Kyanite, Topaz, Matrix, White

Natural oxide colours can be developed on demand (with development fee and additional costs depending on the colour)

Coverage: 2 to 3 sq meters per 6kg kit at 1.5 to 2mm film thickness
Depending on substrate

 6 to 9 sq meters per 6kg kit at 500 micron film thickness
Depending on substrate

Shelf Life: 6 Months in sealed containers. Store in a cool dry place.

Cleaning of Tools: Use Africote Gleamcote solvent

Health and Safety:

This product contains volatile hydrocarbon solvents. Avoid inhalation. Contact with wet product may cause irritation or burn sensitive skin. Wear suitable protective clothing, gloves and eye/face protection. In case of insufficient ventilation, wear suitable respiratory protection. Similar to all smooth finishes, Africote Gleamcote is slippery when wet.

Caution: The product is highly flammable.

The product should not be exposed to a naked flame. No smoking during application.

EYES In case of contact with eyes do not rub. Immediately flush with plenty water. If condition persists, consult a Doctor.

SKIN Wash thoroughly with soap and water. Remove soiled clothing. If irritation persists, consult a Doctor.

INHALATION Move to fresh air.

Do not take internally. Keep out of the reach of children.

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.