



Amended July 2019

## DATA SHEET - PLATINUM WATERPROOFING

### Description:

Platinum Waterproof coating is a unique cementitious/acrylic based versatile waterproof coating, formulated in conjunction with world leaders in the Chemical Industry. Durable – uniquely combining the strength of cement and acrylics, flexible, waterproof and colour fast. Suitable for Industrial and domestic applications. When applied, it leaves a textured granular yet rustic effect. Adheres to all types of surfaces such as previously painted or unpainted walls, steel and concrete roof tiles, brick, and plaster surfaces. No undercoat required. Ensure surface to which it is to be applied is clean and free of loose particles, grease, oil etc.

### MIXING PLATINUM COATING:

**STEP 1:** Pour the emulsion (Part B) into a container.

**STEP 2:** Add small amounts of Platinum powder (Part A) to the emulsion and mix continuously until all the Platinum powder (Part A) has been added and mixed to an even creamy consistency, ensuring there are no remaining lumps.

**STEP 3:** Allow the product to stand for 3-5 minutes for the chemical thickening process to take effect, thereafter, mix once more, prior to using.

This product is now ready for application by block brush or broom. Mix the coating in the container regularly while in use.

For mixing portions less than a pocket use 160 grams powder to 100 ml emulsion or 1.600 Kg to 1 Litre of emulsion.

Note that Platinum Waterproofing Bond can be used on its own. Use with or without the powder, with or without the gauze.

### SUITABLE SURFACES:

Concrete roof slabs and parapet walls

Leaking roofs

Rising damp on walls\*Any area where dampness or moisture penetration is to be stopped

**Please note: Not to be used as an underlay for 2-3mm finishing screeds. Balconies are waterproofed therefore allowing flexibility. Cementitious floorings 2-3mm in thickness will give under the stress.**

### CRACK REPAIRS:

Can be used in conjunction with woven fibre matting to waterproof large cracks or holes, with multiple layers of Platinum coating. Allow each coating 1½ Hrs to dry between layer applications. Can be used to create artificial rock work/water features when the Platinum-soaked membrane is applied in layers over a chicken mesh framework.

In pools / ponds: can be used to seal leaking cracks: Chop plaster surrounding crack back to gunnite shell. Apply multiple coats of Platinum with ±75mm wide membrane, allowing each coat to dry and then re-plaster over Platinum coated area. Apply a bonding liquid prior to plastering.

**APPLICATION AND RECOMMENDED COATS:**

Use a builder's block brush with synthetic bristle for application of Platinum. Prior to application ensure all voids and holes are properly closed. The surface must be clean and free of loose particles. Apply by brushing the paint on at right angles to ensure full surface contact. It is recommended that two layers of Platinum waterproof coating be applied to waterproof problem areas. Apply the 1st coat in a vertical and horizontally action basically criss /cross to eliminate possible pinholes. Apply second coat only once the first coat has dried  $\pm 1\frac{1}{2}$  hours later. When applying the final coat, the brush strokes should always be uniform to ensure the finish is aesthetically pleasing.

**WATERPROOFING BALCONIES / OUTDOOR LANDINGS PRIOR TO TILING:**

Ensure the floor area has a reasonable fall to drain water away. Any cracks to be repaired as detailed above in CRACK REPAIRS. After application of the Platinum and immediately prior to applying the tile adhesive a bonding liquid must be painted over the Platinum-coated area to improve adhesion between the tile adhesive and Platinum coating.

NB: It is important that the Platinum coating is not pierced while spreading the tile adhesive as this will impair the Platinum's waterproofing qualities.

**CURING:**

Platinum coating will only reach absolute full strength after 28 days but is dry and touchable about 1 hour after application.

**PRECAUTIONS & IMPORTANT ADVICE**

Apply thin coats of not more than  $\pm 2$ mm in thickness

Only mix sufficient material, which can be applied within  $\pm 40$  minutes of mixing

Mix the coating frequently to ensure even distribution of the particles. Be sure to clean up any spillage before they have time to dry

Ensure the ratio of powder (Part A) and emulsion (Part B) are the same from mix to mix to ensure colour consistency.

\* **Rising damp** on walls is not easily solved. Possibly the damp-proof course was omitted or placed too low in the wall. Platinum Waterproofing will not stop this. The rising damp may appear higher up on the wall or even other side of the wall.

**PACK SIZE & COVERAGE:**

**Powder (Part A) Bond (Part B) Coverage: 8 Kg 5 Litre 15 sq. meter**

**16 Kg 2 x 5 Litre 30 sq Meter.**

**32 Kg 20 Litre 60 sq. meter.**

**SHELF LIFE:** This product has a shelf life of 10 months

**STORAGE:** Keep in a dry place below 25° - away from direct sunlight.

**CLEANING OF TOOLS:** Wash immediately after use with water.

**COLOURS:** grey or off white

**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 etc.

Ensure that application areas are well ventilated.

In case of insufficient ventilation, wear suitable respiratory protection.

Wear a dust mask when mixing the dry powder initially.

Wash thoroughly immediately after handling.

**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.

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.