

## TECHNICAL DATA SHEET

**Product Name:** Teracoat Waterguard All In One Pro (Smooth)

**Product Description:** **Waterguard All in One Pro** is a patented world first waterproof powdered skim. Easy to mix and apply, indoors or out, creating a marble smooth, level surface for paint finishes and wallpaper. It can be applied directly over plaster, paint, dry walling and ceilings, providing a life-long durable moisture barrier and preventing or repairing damp issues and peeling paint.

*Also available in a textured finish to match rough plaster.*

### Product Features & Benefits:

1. **Internal & External Use:** UV stable and suitable for moisture sensitive areas, bathrooms, wet-rooms, external walls and parapet walls.
2. **High-Quality Finish:** It Replaces Rhino/Gypsum Skim for a durable, marble smooth waterproof skim for final paint and wallpaper finishes.
3. **No Mess - No Fuss:** Unlike Rhino / Gypsum skim, there is no mess when applying. It can be used with confidence, in decorated rooms without damaging finishes.
4. **Lightweight with Rheology:** Significantly lighter than traditional plaster skim, it maintains its shape during application and curing, eliminating sag.
5. **Multi-Functional Application:** Suitable to skim over smooth and rough plaster, stippled paint, gypsum, tiles (with primer), concrete, drywall, and ceiling boards.
6. **Straighten Walls:** Skim up to 3 mm per coat for perfectly true and plumb walls, easily overcoated and sanded for a beautifully smooth finish.
7. **Waterproof Repairs:** Rising damp, parapet walls and negative or positive side waterproofing. Repairing bubbling paint and cracked plaster surfaces.
8. **Excellent Adhesion:** Bonds strongly to all clean surfaces, new or old, including plaster, paint, tiles, drywall, ceilings or concrete.
9. **Curing Time:** Speeds up overcoating and project completion by forming a moisture barrier between uncured surfaces and final finish.
10. **Sanding:** Easily sanded for marble smooth finish and crisp clean edges.
11. **DIY & Renovation:** Simple to use—just hand mix to a creamy consistency and use to cover plaster joints, blend plaster, patch corners and hide conduit patching.
12. **Cost-Effective:** Powdered product eliminates transporting water, better spread rate, no wastage, multi-functional, long shelf life.

**Environmental & Economic Benefits:**

- Components are largely naturally occurring and sourced locally
- Powdered format reducing transport costs
- Blended locally to encourage local employment and government incentives
- Water based, non-toxic, solvent free with no VOC off gassing
- Installation over existing surfaces avoids demolition and landfill contributions
- Proudly made in South Africa

**Physical & Technical Properties:**

Property	Specification
Spread Rate	1m <sup>2</sup> @ 1mm per kg on smooth substrate
Moisture Vapour Control	Slow diffusion of moisture
Composition	Lightweight fillers with Acrylic Polymer binders
Application Thickness	500 micron to 3mm per coat
Colour	Light Grey
Mixing	Clean water
Compatibility	Solid clean construction substrates
Installation	Suitable for semi-skilled labour

**Performance & Durability:**

- Designed to withstand extreme UV and temperature variance
- Designed for moisture sensitive construction projects
- Can be applied to damp surfaces
- Slow diffusion of moisture vapour whilst maintaining excellent waterproofing performance

**Mixing and Application:**

- Designed for easy application by semi-skilled personnel
- Preferably mix with a mechanical mixer or geared drill and padel or thoroughly by hand
- **Plaster Repair Consistency** - Mechanical Mixer: 15 kg of product into 6 litres of clean water
- **Skimming Consistency** - Slowly add up to an additional 1 litre for ease of skimming
- Hand Mix - As above but will require additional water to achieve desired consistency
- **BEFORE SKIMMING** - Leave for 10 minutes to allow acrylics to activate
- Skim from 500 micron up to 3mm on any solid surface
- **BEST SKIMMING RESULTS** - Smooth Surfaces – Apply product with a **B1 Spec** glue notch trowel (2mm x 2.4mm x 2.6mm) achieving a 1mm raked coat
- Smooth out with a flat plaster trowel to achieve a perfectly smooth surface
- No back wetting or burning required
- Very light sanding with 220 grit sand paper once wall has cured (12 hours at 20 degrees centigrade with cross ventilation)
- Supports fast and safe installation (50% faster than traditional gypsum skim)
- Compatible with most construction substrates
- Overcoated with a water based or solvent primer / surface conditioner and then paint
- Compatible with wallpapering glue

**Manufacturing, Supply & Handling:**

- Locally produced for reduced logistics costs
- Export-ready, supporting regional markets
- 5-year shelf life in sealed container

**Warranty & Support:**

- 10-year manufacturer's warranty
- Full technical support available upon request