

## 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 mechanically or thoroughly by hand using a “re-bar cage”
- Mechanical Mixer: 15 kg of product into 6 litres of clean water (plaster repair consistency)
- Skimming consistency slowly add an additional 1 litre
- Hand Mix: As above but might require additional water to achieve consistency
- **BEFORE SKIMMING** - Leave for 10 minutes to allow acrylics to activate
- Skim from 500 micron up to 3mm on any solid surface
- Smooth Surfaces - 1.8mm notch trowel achieving a 750 micron smooth coat
- Smooth out with a flat trowel
- No back wetting or burning required
- Very light sanding after cured thickness dependant (24 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