

# Roffseal 503



WATER BASED HYDRO AND OLEOPHOBIC SURFACE SEALER

## Description

**Roffseal 503** is a deep penetrating single component water based sealer designed for a broad range of mineral substrates. Roffseal 503 composed of silane, siloxane and synthetic resins provides an effective barrier against oil and water based contaminants, while maintaining the micro porosity of the material enabling normal vapour diffusion from the structure.

## Typical Applications

- Honed or textured natural stone tiles
- Concrete, masonry or Fibrous cement
- Synthetic Stone, crackle glazed ceramics.
- Interior or exterior use
- Horizontal or vertical Application.
- Use on floors, walls, counters, tabletops, monuments etc.

## Features

- Oil and water resistant
- Ready to use, easy to apply
- Maintains micro porosity
- Does not affect original appearance
- Eases removal of dirt, paint, graffiti, posters etc.

## Packaging

1 and 5 litre units

## Method of Application

### 1 SURFACE PREPARATION

- Surfaces should be sound, dry, clean and free of all dust oil, grease and grout residue or any other surface contamination.
- Loose or friable material can be removed by wire brushing, open blasting or other suitable preparation methods.

### 2 MIXING

- Shake the container prior to decanting and application.

### 3 APPLICATION

- Carry out trials in an inconspicuous area or on unfixed material prior to application to ascertain effectiveness and observe any aesthetic changes. Some stone materials may exhibit a slightly darker finish after treatment.
- The product may be applied by synthetic wool roller, flat mop, sponge, brush, paint pad or lint free cloth as appropriate to the area to be treated.
- For larger vertical application areas use a roller. Start the application at the base and work systematically and steadily upwards. Protect floor surfaces from spillage.
- On horizontal surfaces apply generously keeping the surface wet for at least 5 minutes, ensuring even distribution. Remove all excess material and do not allow to dry on the surface.
- Repeat the process after approximately two hours when the surface has returned to its original appearance.
- The surface can accept foot traffic after 4 hours and reach full effectiveness after 48 hours. During this time do not cover and remove any spillages immediately.

### 4 CLEANING

- Tools and equipment should be cleaned with water and detergent before fully cured. Cured material can be removed after soaking in Rok Thinners No.1.

## Notes:

After treatment remove stain causing materials from treated surfaces immediately.

After deep cleaning, heavy degreasing etc., the treatment should be reapplied. Heavy trafficked or used surfaces such as bathrooms and countertops should be re-treated yearly.

Do not dilute.

Marble and Limestone products remain susceptible to damage from acidic solutions.

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TECHNICAL DATA	
S.p Gravity	1.0 +/-0.05
Drying Time	2-3 hours
Full Cure at 35°C	48 hours

### Theoretical Coverage.

Coverage varies dependent on material to be treated.

High gloss polished stone, crackle glazed ceramics:

12-25m<sup>2</sup> per litre.

Honed/textured Granite, polished concrete:

5-10m<sup>2</sup> per litre.













Limestone/Sandstone:

3-6m<sup>2</sup> per litre

### Health and Safety.

In case of accidental spillage take up with absorbent material such as sand or sawdust. As with all construction chemicals work cleanly at all times. Avoid skin and eye contact. Wear impervious gloves and eye protection, barrier creams and protective clothing. In case of skin contact, wash thoroughly with soap and water. In case of eye contact rinse thoroughly with water and seek medical advice. If accidentally ingested, do not induce vomiting, drink plenty of water and seek medical advice.

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 WATERPROOFING	 CONCRETE & STRUCTURAL REPAIR	 CRACKFILL & SEALANTS	 BONDING AGENTS	 SURFACE PLASTERS	 GROUTS & ANCHORS
 MORTARS	 MARBLE & STONE PROTECTION	 PERFORMANCE FLOORING	 UNDERLAYMENTS	 SPECIALITY CONSTRUCTION PRODUCTS	 TILE ADHESIVES & GROUTS



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