

**RESTORE SILICONE SB WATER REPELLENT****1. DESCRIPTION**

Restore Silicone SB Water Repellent is a liquid silicone carried by a solvent. It is designed for sealing facebrick with no aesthetic change, for injection as a chemical damp proof course and to protect plaster against rising damp. The product has been developed to penetrate porous masonry surfaces and to react with the structure prohibiting moisture absorption. Due to the high alkalinity of most brick and cement surfaces **Restore Silicone SB Water Repellent** has been formulated to be highly resistant to alkalinity using the Iso-Octyl Siloxane type technology.

2. FEATURES

- Does not change the natural appearance of the substrate.
- Reduction of efflorescence
- Improved thermal retention
- Impedance of fungal growth
- Protection of joints from decay caused by acidic industrial atmosphere and frost
- When fully cured it may be overcoated with decorative waterborne or solvent borne paints. This combination enhances the weatherproofing properties of conventional coatings

3. TECHNICAL DATA

Product Code Colour Shelf life Packaging Flashpoint	RES2013 Clear 12 Months 750ml, 5L 37°C
Viscosity Type	15 sec./F4/Ford Cup Siloxane
Practical Spreading rate (depending on porosity) Recommended finishing coats.	2,5m ² /L per coat 2
DRYING TIME	
Touch dry Time Recoating Time	1-2 Hours at 25°C 3-4 Hours at 25°C
APPLICATION	
Roller & brush Spray	Ready for use To ensure maximum penetration, a spray-on method is recommended
Cleaning Mixing	Mineral Turpetine Stir until homogeneous Stir occasionally during use

4. PREPARATION OF SURFACES

- Surfaces must be clean and dry to ensure maximum penetration.
- Remove dirt and loose material, gime, moss and fungus
- Repair any cracks and joints, including defective pointing in the brickwork.
- New plaster, mortar and concrete should be allowed to cure for 28 days before coating.



5. APPLICATION

- Ready for use for brush, roller, spray application. Over dark surfaces Thin 1:1 with **Restore Mineral Turpentine** before spraying to prevent the development of a hazy appearance.
- Apply liberally ensuring that the whole surface is covered and absorbency is satisfied
- **Method:** Work fro the top of a vertical wall down to the bottom. Apply in horizontal bands in such a manner that the wet curain of approximately 30cm is formed below the applied band. Immediately apply the next band over this wet curtain to produce a further wet curtain of 30cm below tht. Proceed in this manner down to the bottom of the wall. This constitutes one full coat which is usually sufficient to achieve optimum waterproofing.
- Highly absorbent surfaces may however requie a seoond coat, applied in a similar manner, allowing the first coat to dry for a minimum of 4 hours, to satisfy absorbency and achieve optimum performance.
- **Dipping:** Bricks, block and prefabricated sections may be coated by dipping.

6. PRECAUTIONS

- Clean equipment immediately after use with Restore Cleaning Thinners
- Brushes, rollers and spraying equipment if not cleaned thoroughly may cause "cissing" when later used with enamel paints.
- Over dark surfaces care should be taken that pools of **Restore Silicone SB Water Repellent** are not formed. This may, under some conditions, cause it to dry with a haze.
- Avoid overspray onto aluminium, glass and other painted surfaces.
- **Do not overcoat** with lime and cement washes
- **Do not expose** contents to the atmosphere during storage, keep tightly closed.

Environmental Health & Safety Information

WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: LOW & HIGH AROMATIC SOLVENTS. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapours and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. **FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

CAUTION: KEEP OUT OF REACH OF CHILDREN AND ANIMALS - DO NOT TAKE INTERNALLY.

Refer to Material Safety Data Sheet for additional health and safety information.

IN CASE OF FIRE: Use foam, CO2, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of as specified under **Thinning/Clean-up**.

† **WARNING!** If you scrape, sand or remove old paint, you may release lead dust.

DISCLAIMER

The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance.

Please note that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at www.prepit.co.za. All information listed is owned or used under licence of Preplit and its related companies. © Preplit (Pty) Ltd. All rights is reserved.