

**RESTORE AQUAPEL WB REPELLENT****1. DESCRIPTION**

Restore Aquapel WB Repellent is a water-based, VOC-complaint, non-yellowing, ater repellent treatment that remains invisible while protecting surfaces from damaging water penetration. **Restore Aquapel WB Repellent** quickly and easily forms a long lasting water repellent barrier within concrete and masonry. It is designed for maximum protection on above grade, vertical surfaces such as common brick and vertical concrete.

Restore Aquapel WB Repellent is compatible with most caulking compounds and sealants.

Restore Aquapel WB Repellent's active ingredients provide a two fold water repellent protection to concrete and masonry by 1)non-yellowing, surface barrier that repels water, mildew, dirt and airborne contaminants and 2) integral protection by an in-depth chemical action-forming barrier

2. USE

Basic use: Restore Aquapel WB Repellent is designed specifically for water repellent treatment of vertical above grade concrete and brick masonry units. Treatment is invisible and long lasting.

3. FEATURES

- Waterbased for easy handling and cleaning of equipment
- 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 and solvent borne paints. This combination enhances the weatherproofing properties of conventional coatings
- Formulated for concrete and masonry
- Penetrates substrate for permanent hydrophobic protection
- Odorless
- Ready-to-use, non flammable, non-volatile
- Invisible, long lasting protection
- No film. Leaves surface breathable.

4. TECHNICAL DATA

Product Code	RES1121
Colour	Milky appearance (dry to clear finish)
Shelf life	12 Months
Packaging	750ml, 5L
Flashpoint	N/a
Viscosity	15 sec./F4/Ford Cub
Type	Oligomeric Siloxane
VOC	<10g/l
Practical Spreading rate (depending on porosity)	2,5m ² /L per coat
Recommended finishing coats.	2
DRYING TIME	
Touch dry Time	1-2 Hours at 25°C
Recoating Time	3-4 Hours at 25°C
APPLICATION	
Roller & brush	Ready for use
Spray	To ensure maximum penetration, a spray-on method is recommended
Cleaning	Clean Water
Mixing	Stir until homogeneous Stir occasionally during use



5. LIMITATIONS

- Surfaces must be clean and dry to ensure maximum penetration.
- Remove dirt and loose material, grime, 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 14 days before coating.
- Curing is slowed by low humidity
- Will not waterproof against driving rain or water under hydrostatic pressure.
- Maximum hydrophobicity (or water repellency) develops after a few days weathering.

6. SURFACE PREPARATION

- Areas to be treated shall be clean and dry for penetration. Allow 24 hours after rain before applying. Cure mortar joints of new masonry surfaces for 14 days prior to treatment. Clean off mud, scale, coatings or efflorescence. Repair mortar joints, other than hairline cracks, and allow to cure a minimum of 72 hours before applying **Restore Aquapel WB Repellent**. Caulking and sealant work should be completed and allowed to cure before application.
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7. APPLICATION

- Apply **Restore Aquapel WB Repellent** with low pressure airless spray equipment. A garden sprayer is acceptable for small projects. Spray pressure should be no more than 20 psi. Control over-spray. **Restore Aquapel WB Repellent** bonds to all siliceous materials including glass. Not recommended for highly permeable surfaces. Some substrates may require several flood coats. Treat vertical areas using horizontal passes. Saturate mortar joints. Application from the bottom up is necessary to provide uniform penetration. Use an overlapping pattern allowing materials to flood down from contact point approximately 8 inches (200mm). Apply a light mist before general application to help insure complete saturation.
- Highly absorbent surfaces may however require a second 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.

8. PRECAUTIONS

- Keep from freezing. **Restore Aquapel WB Repellent** can be made useless by freezing.
- Keep in a closed container when not in use.
- Avoid prolonged skin contact.
- Wash hands with soap and water.
- Wear protective gloves and goggles
- Do not inhale mist
- Do not return unused materials to container.
- Clean equipment immediately after use with soapy clean water
- 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 Aquapel WB 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.

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