

## TECHNICAL DATA SHEET

### RP Weather Protect Sealer

<b>Product name</b>	<ul style="list-style-type: none"> <li>RP Weather Protect Sealer</li> </ul>
<b>Product Code</b>	<ul style="list-style-type: none"> <li>10508</li> </ul>
<b>Pack size</b>	<ul style="list-style-type: none"> <li>18L, 5L</li> </ul>
<b>Usage</b>	<ul style="list-style-type: none"> <li>RP Weather Protect Sealer is 100% acrylic emulsion sealer providing excellent alkaline resistance (due to not using sealer, alkali presented in mortar attacks the topcoat making the colour of the topcoat patchy) for plaster/mortar walls, enhancing waterproof, paint film adhesion and long lasting colours for topcoats.</li> </ul>
<b>Colour range</b>	<ul style="list-style-type: none"> <li>White only</li> </ul>

#### FILM PROPERTY

<b>Water Resistance</b>	<ul style="list-style-type: none"> <li>Resistant to atmospheric humidity of normal exterior environment</li> </ul>
<b>Adhesiveness</b>	<ul style="list-style-type: none"> <li>Good adhesiveness on surfaces clean from dirt and powder (surface without powder on rubbing with hands). Also depending on putty quality.</li> </ul>
<b>Composition</b>	<ul style="list-style-type: none"> <li>Acrylic resin, mineral extenders, additives and water</li> </ul>
<b>Drying time</b>	<ul style="list-style-type: none"> <li>Single wet coat at standard thickness 100 micron</li> </ul>
<b>Touch Dry</b>	<ul style="list-style-type: none"> <li>30 minutes dependent on temperature and humidity</li> </ul>
<b>Applying topcoats</b>	<ul style="list-style-type: none"> <li>1-2 hours after applying sealer.</li> </ul>
<b>Theoretical coverage</b>	<ul style="list-style-type: none"> <li>Coverage under normal conditions is 10-12m<sup>2</sup>/litre (with dry paint film thickness at 30 micron)</li> </ul>
<b>Certificate</b>	<ul style="list-style-type: none"> <li>Get Green label issue by Singapore: product low volatile organic compound (VOC &lt;50g/lit), and low lead (Pb), Mercury (Hg) content (&lt; 100 ppm)</li> <li>Get Regulatory Conformity 16-5 from Ministry of Construction</li> </ul>
<b>Application tools</b>	<ul style="list-style-type: none"> <li>Brush, roller, conventional spray</li> </ul>
<b>Thinning</b>	<ul style="list-style-type: none"> <li>Additional 10-20% of clean water</li> </ul>

#### SURFACE PREPARATION

- Wall surface must be clean, dry, and free from grease, wax or any material that prevents good adhesion. The relative humidity should be under 16%
- Large cracks need appropriate filling and treatment. Also need appropriate waterproofing at damped areas like wall foots, balcony, etc...
- Treat area affected by mould, lichen, algae or moss with suitable chemical substance
- For old wall surfaces with peelings off, mould, remove the old paint film with appropriate tools and treat area affected by mould, lichen, algae or moss special chemical. Use RP Weather Protect Sealer for better adhesion and alkali resistant
- Do not apply product at RP Weather Protect Sealer condition below 10°C

## PAINT SYSTEM

	Skim coat (1-2 coats)	Sealer (1 coat)	Topcoat (2 coats)
New wall surface	RP Exterior Putty	RP Weather Protect Sealer	RP Weather Protect
Old wall surface	N/A	RP Weather Protect Sealer	RP Weather Protect
Old chalky wall	N/A	RP Weather Protect Sealer	RP Weather Protect

## SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

- Contains: BIOCIDES
- May produce an allergic reaction
- Use only in well ventilated areas. Do not breathe vapour/spray
- Avoid contact with skin or eyes.
- Wear appropriate gloves, mask and eye protection when application. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice immediately.
- If swallowed, seek medical advice immediately and show this container or label.
- Keep out of reach of children.
- Do not use empty container for storing food.
- Do not release to sewers or water supplies
- Avoid release to the environment.
- Harmful to aquatic organisms, may cause long-term adverse affects in the aquatic environment.
- In case of spilling over, collect with sand or soil.

Note: For repainting, wet [sanding]/[flattening] should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

**Please read material safety datasheet for further information.**

## Recommendation for Application

- UNi-PRO is recommended to use for the best quality

\*\*\* Due to our policy of continuing product improvement Revolution Paint reserves the right to modify these specifications without further notice.

