TECHNICAL DATA SHEET

RP WEATHER PROTECT

Product name	• RP Weather Protect
Product code	• 40509
Pack size	• 18L, 5L
Usage	RP Weather Protect is a high quality, 100% acrylic based emulsion paint for new or previously painted exterior masonry and plaster surfaces. It is specially formulated to protect and decorate walls with below attributes • Anti discolouration thanks to Hydroprotek technology • Anti dirt pick-up • Anti fungus and algae • Waterproof • Long lasting colors • Keep cool • 6-year protection
Colour range	• RP color chart
FILM PROPERTY	
Anti dirt pick-up	• Good anti dirt pick-up in normal conditions Also depending on the pollution levels of the environment, construction designs, evenness/flatness of the wall surfaces.
Chemical Resistance	• Resistant to mild atmospheric fume attack and to light levels of alkali in mortar.
Water Resistance	• Resistant to the levels of atmospheric humidity normally experienced in interior environments
Composition (nominal)	• Pigment: Lightfast Non-Lead Pigments. Binder: Acrylic Emulsion Solvent: Water & Additives
Drying time	• Single wet coat at standard thickness 100 micron
Surface Dry	• 30 minutes depending on temperature and humidity of the environment
Recoat	• After 1-2 hours • The paint film get cured 7 days after application in normal condition (environment temperature is 30°C, humidity of environment is 80%)
Theoretical coverage	• On smooth surfaces of average porosity $11m^2$ – $13m^2$ /litre/coat
Certificate	• Get Green label issue by Singapore: product low volatile organic compound (VOC <50g/lit), and low lead (Pb), Mercury (Hg) content (< 100 ppm) • Get Regulatory Conformity 16-5 from Ministry of Construction • Brush, roller, conventional spray • Additional 10% of clean water
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

Office: 64 Nguyen Quy Duc, An Phu Ward, District 2, HCM City.
Tel.: (+84) 028 2253 8311
Email: info@revolution-paint.com
Website: revolution-paint.com
Factory: 8, Road No 8, Long Truong Ward, District 9, HCM City.
Tel.: (+84) 028 3636 6670

- 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 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

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

- Contain Biocide.
- May cause sensitization by skin contact.
- Use only in well ventilated areas. Avoid breathing mist.
- Avoid contact with skin or eyes. Wear suitable gloves, mask and eye protection glasses when applying. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice immediately.
- In case of swallowing, seek medical advice immediately and bring together the product can or product label.
- Keep out of reach of children.
- Do not re-use the can as container for foods and beverages.
- Recover residual paint on brush or roller before washing. Do not release to sewers or water supplies.
- Avoid releasing to the environment. Harmful to aquatic organisms, may cause long-term adverse affects in the aquatic environment. In case of spilling over, collect with soil or sand.

Note: For repainting, wet [sanding]/[flatting] 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.*

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