

TECHNICAL DATA SHEET

RP Water Proof

Product name	<ul style="list-style-type: none"> RP Water Proof Decor
Product code	<ul style="list-style-type: none"> 40507
Pack size	<ul style="list-style-type: none"> 20kgs 5 kgs
Description	Water Proof is a dedicated waterproofing substance one component containing a special acrylic polymer with optimized flexibility, tensile strength and multi-axial elongation. It is a water resistant product for use on the exterior cement and concrete walls of houses
Features	<ul style="list-style-type: none"> Water based Good flexibility Good water resistance Vapour permeable Easy to use & easy to maintain, can tint pigment to achieve the colorant.
Benefits	<ul style="list-style-type: none"> Long term exterior protection Mould resistant & Scuff resistant Good resistance to cracking Good water resistant
Colour and Gloss	<ul style="list-style-type: none"> Can be tinted to dark colors (red & grey tint and have satin surface
Typical Data at 25°C and 60%-80% Relative Humidity	
Volume Solids	<ul style="list-style-type: none"> 60-65%
Thinning (clean water)	<ul style="list-style-type: none"> Up to 5% for cutting in & spraying Up to 5% for first coat when applying over acrylic texture and render
Coverage Rate	<ul style="list-style-type: none"> Based on smooth substrate: 9.0 - 11.0m²/ltr/coat.
Film Build	<ul style="list-style-type: none"> Dry film build: 35-45microns per coat (Wet film build: 90-120 microns per coat)
Drying Time	<ul style="list-style-type: none"> 2- 3 hours (touch dry is about 2 hours)
Dry to Recoat	<ul style="list-style-type: none"> 3- 8 hours
QUV test	<ul style="list-style-type: none"> Good (ASTM G154-16, for grey & red color)
Elongation Rate	<ul style="list-style-type: none"> 300-350 % (ASTM D-412)
Crack Bridging	<ul style="list-style-type: none"> 3-4 times DFT (AS4548.5/F Static Test)
Water vapour permeability	<ul style="list-style-type: none"> Good (ASTM E96)
Adhesion strength	<ul style="list-style-type: none"> Good, above 1.8 N/mm²(ASTM D4541)
Tensile Strength	<ul style="list-style-type: none"> 2.4 MPa
Hardness Shore A	<ul style="list-style-type: none"> Good, above 55 (ASTM D2240)
Density	<ul style="list-style-type: none"> 1.22-1.30 (g/ml)
Usual No Coats	<ul style="list-style-type: none"> 02
Substrate Conditions	<ul style="list-style-type: none"> Must be applied over properly prepared substrates that are free of dirt, dust, grime and any other contaminants. Do not apply if air and surface temperatures are below 5°C or above 40°C Fresh cementitious substrates such as site mix sand and cement render or concrete must be left for up to 28 days to sufficiently cure.
Application	<ul style="list-style-type: none"> To ensure colour consistency, the same paint batch should be used on the finish coat. If this is not possible then multiple pails should be boxed together Be sure to keep a wet edge with this product and plan your work to suit the product and weather conditions. It is best practice to finish at an external or internal corner, or at a control line

when work will continue the next day

- Keep sheltered from rain and moisture for 24-48 hrs after completion dependent on climatic conditions
- Applicator must check colour prior to application. Revolution Paint will not accept liability once product has been applied

Paint System

	Skim coat (1-2 coats)	Sealer (1 coat)	Topcoat (2 coats)
New wall surface	RP Premium Skimcoat/Render	RP sealer	RP EnviroCote Membrane
Old wall surface	N/A	RP sealer	RP EnviroCote Membrane

Safety Data

- Refer to RP Water Proof Decor SDS

Precautions and Limitations

- Should not be applied in temperatures below 5°C or above 40°C
- Not suitable for areas of continual damp or areas submerged in water
- Not suitable for floors.

Transport and Storage

- Store in a cool dark place
- Keep pail sealed
- Do not stack over 3 high

Disposal

- Spilt Material must be absorbed with sand/sawdust and lifted for proper disposal
- Product must not be allowed to run into drains or open bodies of water
- Residual small amounts of leftover paint on brushes and rollers should be wiped on to an old newspaper and allowed to dry, rather than being washed down the sink.
- Dispose of in accordance with local council regulations

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