

RW-1 "Black"

Synthetic Rubber Co-Polymer Modified Retaining Wall Waterproofing Membrane

Product Data Sheet



DESCRIPTION

RW-1 is a synthetic rubber co-polymer modified waterproofing membrane engineered for retaining walls, sub-grade areas and where not exposed to UV.

RW-1 is a heavy duty, effective and economical waterproofing membrane designed for areas that do not require painting or a finishing coat.

RW-1 is extremely strong and remains highly flexible, even under the most demanding of waterproofing situations.

RW-1 is environmentally safe, easy to apply and suitable for use for the collection of drinking water.

FEATURES & BENEFITS

- Quick drying
- High flexibility
- Non-Flammable
- Remains watertight under permanently wet conditions
- Strong adhesion
- Easy to apply

SUITABLE FOR

- Retaining walls
- Decks
- Planter boxes
- Terracotta pots
- Gutters

TECHNICAL DATA

| | | | |
|--------------------------|----------------------|--------------|----------|
| Number of coats: | 2 | Curing time: | 7 days |
| Spreading rate per coat: | 1.5m ² /L | Backfill: | 72 hours |
| Wet film per coat: | 660 Microns | Colour: | Black |
| Recoat (25°C.): | 2-4hrs | Thinner: | Water |
| VOC Content | 2g/L | Shelf Life: | 12 Mnths |

COVERAGE

15L bucket of RW-1 will cover approximately 12m² after two (2) coats. A third coat may be required if substrate is complex or highly irregular.

DRYING

Touch dry - approximately 30 mins.

Backfill - minimum 72 hours.

Full cure - approximately 7 days.

SHELF LIFE

In unopened original packaging for up to 12 months when stored in a cool, dry environment off the floor.

SUBSTRATE PREPARATION AND APPLICATION

- Substrates to be waterproofed should be clean and dry, free from dust, wax, oil, grease, laitance, curing compounds, paint (inc. over spray), coatings and all contaminants which may cause adhesion failure.
- Fibrous cement sheeting and waterproof boards, such as Scyon Secura and Cemintel Constructafloor should be sponged down with clean water to remove dust prior to applying first coat of **RW-1**.
- Remove corrosion from metal surfaces with a wire brush and treat with a suitable anti-corrosion primer.
- Surface must be even with all high points removed.
- Masonry should be flush pointed and any surface defects made good.
- Any cracks, joints, blow holes or areas where movement may occur must be reinforced with **WP-1 Bandage**, installed as part of the first coat.
- Apply **EP-2** as priming treatment on damp surfaces. Apply only to positive side of substrate (i.e. to prevent moisture entering the substrate).
- A minimum of 2 coats is required.
- Dry Substrate should be primed with **RW-1** diluted with 20% clean drinking water and allowed to dry before applying first coat of **RW-1** (undiluted).
- Do not attempt to achieve too high film thickness.
- When using **WP-1 Bandage** reinforcing fabric, ensure it is completely covered by membrane.
- Apply second coat at 90° (right angles) to first coat as per recommended coverage rates.
- Ensure that **RW-1** is temporarily protected from mechanical damage using polystyrene corflute boards or similar alternative.
- **SCR-100** or suitable topping may be laid over the system after 24 hours.
- Whenever applying **RW-1** to retaining wall do not back fill soil to above level of application.
- **RW-1** must be kept dry until completely cured.

DRYING

Recoat when touch dry, after approximately **30 minutes** (dependent on weather and site conditions).

7 days full cure. (Do not flood with water until full cure reached).

Backfill minimum **72 hours**.

CLEAN UP

RW-1 can be removed from the surface using a damp cloth while the product is wet. Tools and equipment can be scrubbed clean with warm water prior to drying.

SAFETY DIRECTIONS

ACT Australia supports best practise in material handling. Appropriate gloves, dust masks, safety glasses and protective clothing should be worn. If product comes in contact with skin, wash off with soapy water. Avoid inhaling dust by wearing appropriate dust mask. If swallowed, drink plenty of drinkable water and seek medical advice. In case of contact with the eyes, rinse with clean water or eye wash solution and seek medical advice.

LIMITATIONS

- Do not apply in temperatures below 10°C or above 35°C.
- Do not apply if relative humidity is above 85%.
- Do not apply if rain is expected within 48 hours.
- If in doubt, contact **ACT Australia Technical Services** for further information and advice.



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