

RW-1

“THE BLACK ONE”



Synthetic Rubber Co-Polymer Modified Retaining Wall Waterproofing Membrane

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

RECOMMENDED FOR

- ◇ Retaining walls
- ◇ Decks
- ◇ Planter Boxes
- ◇ Terracotta pots
- ◇ Gutters

COVERAGE

Approximately 12m² per 15L after two coats. A third coat may be required if substrate is complex or highly irregular.

PRIMING

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. If in doubt, contact **ACT Australia Technical Services**.

DRYING

Recoat when touch dry, after approximately 30 minutes, dependent upon weather and site conditions. 7 days full cure. (Do not flood with water until full cure reached). Backfill minimum 72 hours.

SHELF LIFE

In unopened original packaging for up to 12 months when stored in a cool, dry environment and out of direct sunlight.

LIMITATIONS

- ◇ Do not apply if temperatures are expected to be below 10 degrees or above 35 degrees.
- ◇ Do not apply if Relative Humidity is above 85% or apply externally if rain is expected within 48 hours.
- ◇ If in doubt contact **ACT Australia Technical Services** for further information and advice

SUBSTRATE PREPARATION AND APPLICATION:

- ◇ Substrates to be waterproofed should be clean and dry, free from dust, wax, oil, grease, laitance, curing compounds, paint (including 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 reinforcing fabric, installed as part of the first coat as per fabric installation instructions.
- ◇ 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 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** and sand and cement screed or 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.

SAFETY DIRECTIONS

ACT Australia supports best practice in material handling. Provide good ventilation by opening windows and doors and the use of circulating fans to move air around this will also assist in drying times. Eye protection and the use of gloves are recommended however, if product comes in contact with skin it should be washed off with water before drying. If product comes into contact with eyes gently flush with running water while holding eyelids pen for 15 minutes and seek medical attention. If swallowed, contact a doctor or Poisons Information Centre. Do not induce vomiting. Give water to drink.

Technical Data

Number of Coats:	2	Curing time:	7 days
Spreading Rate Per Coat:	1.5m ² /L	Blackfill:	72 Hours
Wet Film Per Coat:	660 microns	Colour:	Black
Recoat (@25° C):	2-4 hours	Thinner:	Water
VOC Content:	2g/L	Shelf Life:	12 months

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