



# Rub-R-Wall® Waterproofing

**We can't stop the rain, but we can create a barrier.**

## Rubber Polymer Company

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## Description

### BASIC USE AND APPLICATIONS

Rub-R-Wall® Waterproofing is a solvent based, all polymer coating which will provide a seamless membrane around the foundation wall. It can be directly applied to masonry, concrete or parged block walls. It is a single component, spray applied membrane durable and tough enough to give over a hundred years of protection on new residential foundations. Rub-R-Wall holds protection or drainage boards tightly without mechanical fasteners.



### Rub-R-Wall® Benefits

- SEAMLESS watertight barrier for below grade applications.
- SOLVENT BASED, asphalt free, advanced all-polymer coating.
- MOST COST EFFECTIVE high-performance coating available.
- SPRAY APPLIED by factory-certified applicators.
- ADHERES to
  - CONCRETE walls and elevated slabs
  - CMU walls, parged or unparged
  - BRICK masonry.
- TENACIOUS bond to substrates.
- HOLDS PROTECTION BOARD or drainage boards without mechanical fasteners.
- LOW TEMPERATURE flexibility.
- ESTIMATED LIFE EXPENTANCY exceeds 100 years.

### ACCESSORIES

- Primer: Rub-R-Wall® SA Primer, single-component, elastomeric compound.
- Substrate Repair Materials: Rub-R-Wall® Mastic, heavy-bodied rubber mastic.
- Reinforcing Strips: Rub-R-Wall® SA Sheet Membrane, self-adhering SBS-modified-bitumen sheet membrane, 40 mil thickness.

### LIMITATIONS

In its cured state on the wall, Rub-R-Wall® is solvent-free, non-toxic and non-carcinogenic. However, in its liquid form contains flammable and hazardous solvents. It must be applied by Certified Applicators. Training is available.

Do not apply Rub-R-Wall® when the ambient temperature is below 15 degrees F.

New construction only.

### Storage and Handling

Handle and store products according to manufacturer's written recommendations and Local, State, Federal, Fire, D.O.T and environmental codes. For detailed information refer to Material Safety Data Sheet (MSDS) and Rubber Polymer Company's "Operation, Safety and Procedure Guideline Manual."

## Application

Concrete walls may be sprayed 24-48 hours after the form stripping process is complete provided excess water or moisture is not present. Footers must be dry, clean and free of dirt or any material that would prevent full adhesion. Concrete walls must be free of voids and honeycombs. All form ties must be removed inside and outside below the concrete surface. Concrete walls must be smooth and free of projections and foreign or frozen material. On parged concrete block walls the cores must be filled and dry prior to application.

Application should be made in multiple, uniform passes to obtain a wet membrane thickness of 60-80 mils as determined by a standard mil gauge. A cured thickness of 30-40 mils will result. Spraying a primer or tack coat first will help eliminate sags and runs. Rub-R-Wall® membrane should be firm after 15-20 minutes, and ready to receive a protection/insulation course. Allow a minimum of 24 hours after coating before backfilling, and a maximum of 30 days before backfilling.

## Availability

Since 1992, Rubber Polymer Company has delivered the highest quality products for the waterproofing industry for thousands of building products all over the United States and Canada. Contact RPC for availability near you.

## Technical Services

Detailed information including product literature, test reports, installation instructions, and special applications is available. Please speak to a technical representative.

## Available Resources

Detailed drawings, architectural specifications, Safety Data Sheet, and Safety and Procedure Guidelines, and product specifications are available from Rubber Polymer Co.

## Sustainable Design Contributions

Developed to be environmentally friendly by providing asphalt-free formulas that are environmentally responsible.

## Referenced Standards

- ASTM C836/C836M - Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course.
- ASTM D95 - Standard Test Method for Water in Petroleum Products and Bituminous Materials by Distillation.
- ASTM D412 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension.
- ASTM D903 - Standard Test Method for Peel or Stripping Strength of Adhesive Bonds.
- ASTM D2020 - Standard Test Method for Mildew (Fungus) Resistance of Paper and Paperboard.

- ASTM D4299-83 - Test Method for Effect of Bacterial Contamination on Performance of Adhesive Preparations and Adhesives Films.
- ASTM D5385/D5385M - Standard Test Method for Hydrostatic Pressure Resistance of Waterproofing Membranes
- ASTM E96/E96M - Standard Test Methods for Water Vapor Transmission of Materials.
- ASTM E154/E154M - Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover.
- ASTM G29 - 75 -Standard Practice for Determining Algal Resistance of Plastic Films.

<b>Rub-R-Wall® CG Physical Properties</b>		
Hydrostatic Pressure Resistance	ASTM D5385/D5385M	> 138 ft. of water
Elongation	ASTM D412 (Die C)	> 1,800%
Low Temp Flexibility	Bend around 0.5-inch mandrel	Flexible to -20 deg. F
Abrasion Resistance	700 psi on 0.06-by-0.06-inch point at 1 inch per sec	< 0.10% membrane loss
Asphalt Content		0.0 percent
Block Peel Adhesion	ASTM D903 (Block)	8.03 lbs./inch
Crack Bridging	ASTM C836/C836M	> 10 cycles to 1/8 inch at -15 deg F
Water Vapor Permeance	ASTM E96/E96M (Water method)	0.093 perms
Liquid Water Absorption	ASTM D95	< 0.5% weight
Resistance to Bacterial	ASTM D4299-83 (modified)	No attack
Resistance to Degradation in Soil	ASTM E154/E154M (soil preparation)	Excellent
Resistance to Algae	ASTM G29-75 (modified)	No attack
Resistance to Fungus	ASTM D2020 (modified)	No attack
Resistance to Chemical Attack	Visual	Unaffected by chemicals in concentrations typ. found in soils
Solvent Resistance	Visual	Exceeds performance of modified asphalts
Life Expectancy	Arrhenius Projection Theory	Exceeds 100 years
Color		Green

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