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# OPERATION, SAFETY & PROCEDURE GUIDELINE MANUAL

FOR

## **RUB-R-WALL AQUA™** **WATERPROOFING**

as manufactured by

Rubber Polymer Company, LLC  
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**RUB-R-WALL AQUA™ WATERPROOFING**  
**is a solvent free, water based, spray  
applied waterproofing. It is intended as a  
waterproofing membrane on below grade  
foundation walls which include poured  
concrete, ICF or parged concrete  
masonry.**

**SECTION 1: SAFETY & HANDLING**

1. It is recommended to wear gloves, cap and coveralls to avoid direct contact with skin.
2. It is recommended to wear a NIOSH approved respirator when spraying Rub-R-Wall Aqua Waterproofing to avoid inhalation and ingestion of vapors. Make sure your mask cartridges are functioning properly, if not, replace them.
3. Review the Rub-R-Wall Aqua Waterproofing Safety Data Sheet (SDS) prior to any spray application.
4. Rub-R-Wall Aqua Waterproofing is non-hazardous and does not require any placard during transportation.
5. Rub-R-Wall Aqua Waterproofing will freeze and must be stored at an ambient temperature above 40°. In the winter months, it is best to store Rub-R-Wall Aqua Waterproofing in sealed containers indoors.

## SECTION 2: WALL PREP

1. Concrete walls may be sprayed 24 hours after the form stripping process is complete, provided any excess water due to subsequent rains is not present. Rub-R-Wall Aqua™ Waterproofing can be applied to damp or green concrete.
2. The footer must be clean and free of dirt, sand, soil or any other material that would prevent full adhesion of the rubber membrane. The footer must be free of any visible water.
3. Concrete walls must be free of voids and honeycombs. If present, these areas are to be treated with Rub-R-Wall Aqua Mastic or a cementitious grout. All form ties must be removed inside and outside below the concrete surface such that the membrane will not be punctured. Minor surface defects such as tie holes may be repaired using Rub-R-Wall Aqua Mastic.
4. Concrete walls must be smooth and free of projections and other foreign material.
5. On parged concrete blocked walls the cores must be filled and dry prior to application.
6. Brick ledges and buttress walls constructed from masonry must be capped prior to application of the membrane.
7. Check all penetrations to ensure that they are secure and in the correct and final position.
8. In all possible situations, require your builder to mark the proper grade lines.

**Correct wall preparation procedures will ensure the proper adhesion of the Rub-R-Wall Aqua Waterproofing membrane and make the application process clean and easy. Follow these easy steps without exception, and you will experience fewer callbacks.**

## SECTION:3 INSTALLATION PROCEDURES AND EQUIPMENT

1. It is the responsibility of the applicator to educate the general contractor regarding proper drainage and grade slope, prior to issuing a warranty.
2. Rub-R-Wall Aqua™ Waterproofing can be applied at ambient temperatures down to 40°F. The spray rig and material should be kept in a heated truck, and the hose line should be insulated to spray at this temperature.
3. DO NOT dilute material.
4. The spray pump should be able to achieve a minimum output pressure of 1800 psi for application.
5. Spray tip size .026 or .031 orifice is recommended.
6. Proceed to apply the waterproofing membrane; application should be made in multiple, uniform passes, such that a wet membrane thickness of 60 mils is obtained as determined by a standard wet mil gauge. A cured thickness of 40 mils will result. Check for thin or missed areas upon completion.
7. Any use of insulation board/drainage media must be “breathable” if installed prior to full cure of the Rub-R-Wall Aqua. Protection board should not be overlapped.
8. Allow a minimum of 24 hours before backfilling.
9. A positive interior or exterior drainage system is required and an exterior system must channel water to daylight or to an interior sump pump.
10. Rub-R-Wall Aqua Waterproofing is UV stable and can be exposed up to 12 months.

For further questions contact:

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