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OPERATION, SAFETY & PROCEDURE GUIDELINE MANUAL

FOR

RUB-R-WALL® AQUA **WATERPROOFING**

as manufactured by

Rubber Polymer Corporation
1135 West Portage Trail Ext.
Akron, OH 44313-8283 USA

Toll Free Telephone (US & Canada): 1.800.860.7721
Direct Telephone: 330.945.7721* Fax Line: 330.945.9416

Website: www.rpcinfo.com
General E-mail: sales@rpcinfo.com

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 are either poured
concrete or parged concrete masonry.**

SECTION 1: SAFETY & HANDLING

1. Always wear gloves, cap and coveralls to avoid direct contact with skin.
2. Always 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 MSDS prior to any spray application.
4. DO NOT spray Rub-R-Wall Aqua Waterproofing without being properly trained by RPC, Inc.
5. Rub-R-Wall Aqua Waterproofing is non-hazardous and does not require any placard during transportation.
6. Rub-R-Wall Aqua Waterproofing will freeze and must be stored at an ambient temperature above 40°F. In the winter months, it is best to store Rub-R-Wall Aqua Waterproofing in sealed containers indoors.
7. Review material safety data sheet prior to applying the product.

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 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 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 insure 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.
9. Rub-R-Wall Aqua can be directly applied to Insulated Concrete Forms (ICF). Contact RPC, Inc. for a list of approved forms.

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. For best results, Rub-R-Wall Aqua Waterproofing is to be heated to a temperature range of 110-130°F (at the spray tip) for installation. The spray pump should be able to achieve an input pressure of 2500-3000 psi for application.
5. Rub-R-Wall Aqua Waterproofing can be heated through a single pass heat exchanger connected to an engine's coolant system, or band heaters applied to Rub-R-Wall Aqua Waterproofing barrels.
6. Spray tip size .33 or .35 inches is recommended.
7. 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.
8. After the Rub-R-Wall Aqua Waterproofing membrane does not require a protection board, however if chosen a "breathable" protection/insulation course should be used. Contact RPC, Inc. for approved "breathable" protection boards. Protection boards should not be overlapped. Protection board should cover the entire membrane for protection from backfill.
9. Allow a minimum of 24 hours before backfill.
10. A positive interior or exterior drainage system is required and an exterior system must channel water to daylight or to an interior sump pump.
11. Rub-R-Wall Aqua Waterproofing is not intended as a permanently exposed membrane, backfill within 30 days of application.

For further questions contact:

Rubber Polymer Corporation Inc.
1135 West Portage Trail Ext.
Akron, Ohio 44313
800.860.7721