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OPERATION, SAFETY & PROCEDURE GUIDELINE MANUAL

FOR

RUB-R-WALL AIRTIGHT VP™ **AIR BARRIER**

as manufactured by

Rubber Polymer Company, LLC
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RUB-R-WALL AIRTIGHT VP™ AIR BARRIER is a solvent free, water based, liquid applied, single component rubber membrane that provides a monolithic air and moisture barrier to a wide range of construction materials. Rub-R-Wall Airtight VP is UV stable and allows vapor transmission while protecting substrates from moisture intrusion. Airtight VP may be spray or roll applied.

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 Airtight VP Air Barrier 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 Airtight VP Air Barrier SDS prior to any spray application.
4. Rub-R-Wall Airtight VP Air Barrier is non-hazardous and does not require any placard during transportation.
5. Rub-R-Wall Airtight VP Air Barrier will freeze and must be stored at an ambient temperature above 40°. In the winter months, it is best to store Rub-R-Wall Airtight VP Air Barrier in sealed containers indoors.
6. Review all manuals of airless paint sprayers prior to use. Airless sprayers work with high PSI and operator should be familiar with input and output pressures.

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 Airtight VP Air Barrier can be applied to damp or green concrete, exterior drywall, OSB or CMU.
2. The substrates must be clean and free of dirt, sand, soil or any other material that would prevent full adhesion of the rubber membrane. The substrate must be free of any visible water.
3. Concrete and CMU walls must be free of honeycombs and unstruck mortar joints. If present, these areas may be treated with Airtight VP Mastic or a no shrink grout. Exterior dry wall and OSB joints may be addressed with VP Mastic.
4. Exterior walls must be smooth and free of projections and other foreign material.
5. Brick ledges and buttress walls constructed from masonry must be capped prior to application of the membrane.
6. Check all penetrations to ensure that they are secure and in the correct and final position and detailed with Airtight VP Mastic to seal openings.

Correct substrate preparation procedures will ensure the proper adhesion of the Rub-R-Wall Airtight VP Air Barrier membrane and make the application process clean and easy. Follow these easy steps without exception.

SECTION:3 INSTALLATION PROCEDURES AND EQUIPMENT

1. Rub-R-Wall Airtight VP Air Barrier can be applied at ambient temperatures down to 40°F and rising.
2. DO NOT dilute material.
3. For best results, Rub-R-Wall Airtight VP Air Barrier is to be stored in an area of 50°F. The spray pump should be able to achieve an output pressure of 1800-3000 psi for application.
4. Rub-R-Wall Airtight VP Air Barrier should be recirculated through the spray unit to ensure constant flow. If rolling or brushing, use a heavy nap roller or thick, coarse masonry brush.
5. Spray tip size .26 or .31 inches is recommended.
6. Proceed to apply the air barrier membrane. Application should be made in multiple passes to achieve a wet film thickness of 60 mils for non-porous substrate and 80 mils for porous block. Measurement can be made using a wet film thickness gauge.
7. Allow a minimum of 24 hours for membrane to fully cure.
8. Rub-R-Wall Airtight VP Air Barrier is fully UV stable and may be exposed for 12 months.

For further questions contact:

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