

RubberCover Water Based Bonding Adhesive

1. Description

RubberCover Water Based Bonding Adhesive is used only for wet-mating Firestone RubberCover EPDM membranes onto acceptable wooden substrates.



2. Preparation

Surfaces that will receive the RubberCover Water Based Bonding Adhesive must be clean, smooth, dry, and free of sharp edges, loose and foreign materials, oil, grease, and other contaminants. The mating surface shall be cleaned with a brush or clean rag. If the product has been exposed to temperatures lower than 15°C for a prolonged period, restore the adhesive to room temperature (15°-25°C) before use. Stir the adhesive thoroughly (to achieve a uniform mix with no sediment on the bottom and no marbling evident) before and during use.

3. Application

RubberCover Water Based Bonding Adhesive will be mated, while still wet, directly over plywood or OSB substrates (only types that are not treated against water absorption). Apply Water Based Bonding Adhesive at a rate of approx. 350 gr/m² over plywood or OSB with a paint roller, taking care to completely cover the plywood or OSB substrate evenly to avoid globs and puddles of adhesive. The EPDM membrane shall be mated immediately after the bonding adhesive is applied by rolling the membrane in place over the plywood or OSB. To ensure proper adhesion, compress the bonded portion of the sheet to the substrate with a stiff push broom or heavy roller.

Caution: The EPDM membrane should not be exposed to any wind stresses for 48 hours after mating. Moreover, the adhesive layer cannot be subjected to freezing temperatures for a minimum of 48 hours after the mating of EPDM to the substrate.

4. Coverage

Coverage rate needs to be between 2.5 and 3 m² per liter.

Some surfaces are more uneven and porous and will result in lower coverage rates, while smoother substrates are less porous and will, therefore, result in higher rates.

5. Characteristics

Physical

- Contains no solvents (odor-free and non-hazardous)
- Excellent resistance to aging
- Good resistance to heat and cold
- Outstanding adhesion to approved substrates for maximum performance

Technical

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| • Base | Acrylic dispersion |
| • Color | White |
| • Solids | min. 55% |
| • Viscosity | 36000-44000 cp |
| • Specific gravity | 1.02 |

Technical Information Sheet

6. Packaging / Storage / Shelf Life / Disposal

Packaging	2.5 L; 5 L; 10 L pail
Part number	W56RAC7200 / W56RAC7201 / W56RAC7202

Storage: Store in original unopened containers at moderate temperatures (15°C-25°C) in a dry, well-ventilated area. Protect from direct sunlight. Do not allow product to freeze. If necessary, use an insulated box to maintain the product at moderate temperatures during transport to the job site, before and during application. This will ensure the appropriate viscosity, efficiency, and performance of the adhesive.

Shelf life: 18 months can be expected if stored in the conditions mentioned above. Verify the production date on each pail. Subzero temperatures will make the product unusable. Shelf life information is only a recommendation and not a fact of life. The real expiration date highly depends on the history of storage and handling of the accessories. Once opened, use within 48 hours.

Disposal: Make sure that the pail is empty before disposal. Adhesive cannot be disposed in drains. Dispose content and/or pail in accordance with national regulations.

7. Precautions

- For professional use only.
- Use only in well-ventilated areas.
- Thinning is not allowed. Do not contaminate with foreign materials; avoid contact with water-sensitive materials.
- Do not expose to excess heat, as it may lead to excess pressure.
- Do not walk through spilled material.
- Avoid prolonged inhalation and skin/eye contact. In case of contact, immediately flush skin/eyes with running water for at least 20 minutes. Wash skin with soap and water.
- Refer to Safety Data Sheets for additional information.

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