

RubberCover™ Bonding Adhesive BA-2012

1. Description

The Firestone RubberCover™ Bonding Adhesive BA-2012 is a solvent-based contact adhesive designed specifically for bonding Firestone RubberCover EPDM membranes to approved insulations in addition to wood, metal, masonry and other acceptable substrates.



2. Preparation

Surfaces that will receive the RubberCover Bonding Adhesive BA-2012 must be clean, smooth, dry and free of sharp edges, loose and foreign materials, oil, grease, and other contaminants. If necessary, the mating surface shall be cleaned with a brush or clean rag. Remove any moisture or contaminants from the surface before applying the adhesive. Restore the adhesive to room temperature (15°-25°C) before use if the product has been exposed to temperatures below 10°C for a prolonged period. Stir the adhesive thoroughly to achieve a uniform mix with no sediments on the bottom and no marbling evident before and during use.

3. Application

Apply RubberCover Bonding Adhesive BA-2012 at about the same time onto both surfaces to be adhered, in order to allow approximately the same drying time. The adhesive can be manually applied using a solvent resistant roller. Apply RubberCover Bonding Adhesive BA-2012 evenly, avoiding areas of accumulation onto the mating surfaces. When applying RubberCover Bonding Adhesive BA-2012, ensure complete uniform coverage of both surfaces to be adhered. Application temperatures may vary between 5°C and 35°C. At temperatures below 10°C, the adhesive may become too cold, while at temperatures above 35°C the membrane surface may become too hot and will shorten significantly the drying process. Allow the adhesive to flash off until tacky (time depending on ambient air conditions) before mating the surfaces. Test the adhesive for its dryness, using the touch-push test procedure. Refer to the Firestone guidelines for specific installation instructions.

4. Coverage

Coverage rates depend on the nature of the substrate.

- Roller application: 2.35 to 3 m² of surface (two sides) / Liter

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

Very porous substrates (rough wood, concrete block) may require an additional coat of adhesive to ensure proper adhesion. This can be determined by adhering a small piece of membrane to the substrate and verifying its bonding strength.

5. Characteristics

Physical

- Excellent resistance to ageing
- Good resistance to heat and cold
- Excellent tack time for versatility of installation
- Outstanding adhesion to approved substrates

Technical Information Sheet



Technical

● Base	Blend of synthetic rubbers
● Color	Green
● Solvents	Naphtha, Cyclohexane, Propylacetate, Butanone
● Solids	40 ± 3 %
● Viscosity	1,200 – 1,600 cP
● Specific gravity	0.81 - 0.85
● Flash Point	-19°C

6. Packaging/ Storage/ Shelf life/ Disposal

Packaging	2.5 L, 5 L and 10 L pails
Part numbers	<ul style="list-style-type: none">W56RAC7100 – 2.5 L pailW56RAC7101 – 5 L pailW56RAC7102 – 10 L pail

Storage: Store vertical in original unopened pails at moderate temperatures (15°C - 25°C) in a dry, well-ventilated area. Keep away from heat, sparks, and open flame. Protect from direct. 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 assure the appropriate viscosity, efficiency, and performance of the adhesive.

Shelf life: 12 months can be expected if stored in the above-mentioned conditions. Verify production date on each pail. Shelf life will be reduced if exposed to higher temperatures. 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

Refer to Safety Data Sheet. Flammable. Keep away from possible ignition sources during storage and use. Do not smoke when using. For professional use only. Use only in well-ventilated areas. Keep pail closed when not in use. Avoid prolonged inhalation and contact with skin and eyes. Do not contaminate with foreign materials. Keep out of reach of children. Thinning is not allowed.

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