

Technical Information Sheet

Bonding Adhesive BA-2012

Packaging	Part Number
10 l pail	W563587102
20 l pail	W563587103

Description

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

Application

Bonding Adhesive BA-2012 can be applied in following Elevate system(s): RubberGard™ EPDM, UltraPly™ TPO, GeoGard™ EPDM, PondGard™ EPDM and GeoSmart™ EPDM.

Preparation

Surfaces that will receive 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.

Method of Application

Apply 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, can be dispensed using a Spreader device or can be applied using approved spray equipment. The temperature of the adhesive has an impact on its viscosity and thus on the usage of the Spreader tools. Refer to the user guidelines of these tools.

Apply Bonding Adhesive BA-2012 evenly, avoiding areas of accumulation onto the mating surfaces. When applying Bonding Adhesive BA-2012, ensure complete uniform coverage of both surfaces to be adhered. Care must be taken not to apply Bonding Adhesive BA-2012 over seam areas.

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 Elevate technical guidelines for specific installation instructions.

Coverage

Coverage rates depend on the smoothness of the substrate and method of application. The following general rates (for 2 sides) can be achieved with 1 liter : between 2.35 to 3 m² with roller application and between 2.50 to 3.50 m² with Spreader or sprayer device.

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.

Very porous substrates (rough wood, concrete block) may require an additional coat of Bonding Adhesive BA-2012 to ensure proper adhesion. This can be determined by adhering a small piece of membrane to the substrate and verify its bonding strength.

Characteristics

Technical	
• Base	Blend of synthetic rubbers
• Color	Green
• Solvents	Naphtha, Cyclohexane, Propylacetate, Butanone
• Solids	39%
• Viscosity	1,200 – 1,600
• Specific gravity	0.81 – 0.85
• Flash Point	-19°C

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 sunlight. 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

18 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.

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.

During sprayable application, protect all areas subject to “overspray” of the adhesive. This includes but is not limited to:

- Cars parked adjacent to the building receiving the adhered roofing membrane
- Air intakes/exhausts
- HVAC units, drains, access hatches, skylights and windows and any other item or person which may be downwind from the application of the adhesive.

Do not apply the adhesive when wind conditions are not favorable.

Note:

This document is meant only to highlight Elevate products and specifications based on latest knowledge and experience and is subject to change without notice. Above mentioned values are based on tested samples and may vary within applicable tolerances. For latest and complete product and detail information, please refer to the technical information posted on www.holcimelevate.com. Holcim Solutions and Products EMEA BV ("Holcim") takes responsibility for furnishing quality materials which meet Holcim's published product specifications. As neither Holcim itself nor its representatives practice architecture, Holcim offers no opinion on and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. The selection of the appropriate product and its correct application is the responsibility of the customer and not of Holcim. No Holcim Representative is authorized to vary this disclaimer.