Product Description: IB Vertibond 432 Bonding Adhesive is a synthetic polymer contact type bonding adhesive designed specifically for horizontal and vertical bonding applications of all IB membranes to metal, wood, concrete, organic and glass-faced polyisocyanurate insulations, and many other re-cover boards and decking materials. IB Vertibond 432 Bonding Adhesive has no slope limitations and should be used when adhering wall flashings and other vertical surface details. IB Vertibond 432 Bonding Adhesive meets all stringent VOC regulations in the USA.

Packaging: 1 Container – 5 U.S. Gallons, 45 per pallet
Weight: 36.4 lbs. (16.5 Kg), 7.08 lbs. per U.S. Gallon
Color: Natural

Features:
- High Initial tack
- Excellent green strength
- Fast drying
- VOC compliant
- Spreads easily
- Brush, roller, or spray
- Zero chlorinated solvents
- Excellent heat resistance

Application: Refer to IB Specifications and Construction Details for additional installation instructions. IB Vertibond 432 Bonding Adhesive should be applied to a structurally sound substrate that is clean, dry, free of frost, oils, soaps, silicone, or loose material that may inhibit bonding. IB Vertibond 432 Bonding Adhesive should be applied at temperatures of 50°F and rising. Stir adhesive thoroughly before use. Apply IB Vertibond 432 Bonding Adhesive as contact adhesive to both the underside of the membrane and to installed insulation, horizontal and vertical substrates at the approximate rate of one gallon per 60 square feet of net applied coverage area (0.5 gallon to each 60 sq. ft. surface) in smooth, even coatings with no bare areas, globs, or puddles. Apply adhesive to underside of membrane sheets in manageable lengths and allow the adhesive on the substrate to partially dry to a tacky feel before bonding membrane to substrate. Roll membrane with a vinyl roller to make positive contact with substrate and to remove any air bubbles

Coverage: Coverage varies depending on job site conditions and the porosity of the substrate the adhesive is applied to. Coverage yield is approximately 300 sq. ft. per 5-gallon pail at 60 sq. ft. of net applied coverage area. Contact IB Roof Systems for additional application/coverage rates and recommendations.

Approvals: Underwriters Laboratories. Refer to individual assembly approvals for additional information and requirements

Performance Specifications	
Flash Point, °F (Seta Flash)	>0°F
VOC	199.4 grams/Liter
Open Time	60 to 90 minutes
Dry Time	5-10 minutes

Temperature Guidelines/Storage & Handling:
Store in a dry area, indoors, out of direct sunlight an in the original unopened container. IB Vertibond 432 Bonding is flammable. Store away from excessive heat and open flames. Optimum product storage temperature is 60-80°F (15-27°C) for 24 hours prior to use. Internal Chemical Temperature at Application: Warm or cool product temperature to 60-80°F/15-27°C prior to use. Outside Application Temperature / Ambient is 50°F (10°C) and rising. Substrate Surface Temperature Range: 50-100°F (10-38°C). Temperatures above or below Optimal Application range require additional monitoring and may affect tack/cure times, adhesion performance and application rates.

Limitations:
- **Flammability: Red Label – Extremely Flammable**
- Do not store in direct sunlight.
- Contact adhesives can exhibit fumes or odors common to glue type products. Avoid or control use in poorly ventilated areas or areas where adhesive odors may be objectionable.
- Do not use when ambient, substrate or product temperatures are outside specified temperature ranges.
- Do not use during inclement weather, on wet surfaces or on any roof deck showing signs of deterioration or loss of structural integrity.
- Application of adhesive below 50°F will extend curing time and may compromise its effectiveness.
- Shelf life is approximately 1 year unopened. Always rotate stock. Do not use after the expiration date.
- Not intended for use with expanded or extruded polystyrene (EPS or XPS) insulations.