

HYBOND 2-PART ADHESIVE

Hybond 2-Part Adhesive is a highly elastomeric, one step, VOC compliant, all-purpose, foamable adhesive that contains no solvents and sets in minutes.

The one step application process eliminates error due to poor mixing. Application is quick and easy, resulting in significant labor savings for the contractor. No expensive specialty pumps or spray rigs are required.

BASIC USE: **Hybond 2-Part Adhesive** is designed for use as an adhesive for bonding approved roof insulations to a building's structural roof deck, base sheets, other insulation boards, and smooth or properly prepared graveled built-up roof surfaces.

Hybond 2-Part Adhesive eliminates the need for mechanical fasteners that can often cause damage to the roof deck, which can reduce the roof's service life.

APPROVED INSULATIONS:

Hybond 2-Part Adhesive can be used to bond the following insulation types to approved substrates:

- *HD wood fiber
- *Isocyanurate
- *Perlite – minimum ¾”(1.9cm)
- *Polystyrene
- *Gypsum board
- *Asphaltic coverboards

APPROVED SUBSTRATES:

- *Structural roof decking: concrete, gypsum, cementitious wood fiber (tectum), lightweight insulating concrete, wood or steel
- *Modified bitumen membranes and base sheets (sanded or granule surfaced)
- *Approved insulations (multi-layer applications)
- *Smooth or gravel surface built-up roofs (re-roof applications)

For a complete list of approved substrates and insulation types, or for additional information, contact our Technical Department.

LIMITATIONS:

- *Do not apply to a wet surface
- *Not recommended for use with insulation or recover boards larger than 4' x 5'
- *Do not use warped or curled insulation boards. All insulation boards must lay flat upon the roof surface

STORAGE: Keep temperature of contents between 65°F - 85°F (18°C – 29°C) 24 hours prior to use. Do not store in direct sunlight or high temperatures 90°F (32°C) and higher.

PACKAGING AND COVERAGE:

4-1500ml Cartridges/Case

600 sq ft (55.74m²)/Case

Coverage estimates indicate total sq ft of insulation attachment per case. Rates are based on an application pattern of 4 ribbons, 1/4" - 1/2" (0.635cm - 1.27cm) wide bead, 12" (30cm) o.c. per 4' x 4' (1.2m x 1.2m) insulation board. Coverage rates may vary when used over irregular surfaces.

APPLICATION:

1. With a utility knife, remove the molded tips at the groove from the One Step Mixing Head.
2. Attach a One Step Mixing Tip to the Threaded Mixing Head.
3. Place the cartridge into the appropriate One Step Applicator.
4. Apply **Hybond 2-Part Adhesive** directly to the substrate, using a ribbon pattern. Space 1/4" - 1/2" (0.635cm - 1.27cm) wide beads, 12" (30cm) o.c., to achieve proper coverage rates for insulation attachment. As **Hybond 2-Part Adhesive** is applied, immediately place insulation board into wet adhesive. Do not allow the adhesive to skin over. Eliminate un-even surfaces to ensure positive contact between the insulation board and substrate.
5. Un-used material can be applied at a later date by simply plugging the cartridges (with provided half moon plugs) and using a new One Step Mixing Tip.

SURFACE PREPARATION: All work surfaces should be clean, dry, free of dirt, dust, debris, oils, loose and/or embedded gravel, un-adhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is un-even.

For re-cover applications apply HyPrime to all substrates prior to the application of **Hybond 2-Part Adhesive**.