

INSTA STIK™ QUIK SET COMMERCIAL ROOFING ADHESIVE

DESCRIPTION:

Insta Stik™ Quik Set ("Insta Stik") Commercial Roofing Adhesive is a single-component, moisture-cured polyurethane adhesive free from conventional solvents. It is dispensed from a portable, disposable, pre-pressurized container and requires no external power source.

Insta Stik Roofing Adhesive is used to attach compatible roof insulation and/or cover boards to the following properly prepared roof decks and substrates:

- Cementitious wood fiber (Tectum™) decks
- Steel decks (metal roofing not allowed)
- Gypsum decks
- Wood decks
- Structural concrete decks (minimum 2,500 psi (17.2 MPa))
- Lightweight insulating concrete (minimum 160 psi (1.1 MPa))
- Polyisocyanurate (ISO, flat and tapered)
- Expanded polystyrene (EPS, flat and tapered)
- Extruded polystyrene (XPS, flat and tapered)
- Gypsum- or cement-based barrier/cover boards
- Duro-Last Vapor Barrier/Torch-Down Vapor Barriers
- Sprayed polyurethane roofing (any existing coating must be removed by scarfing or shaving)
- Aged asphaltic roofing (smooth and granulated)
- Base sheets

Contact Engineering Services for approved base sheets

Refer to the [Adhered Roofing System specification](#) for additional application guidelines.



ORDERING:

For approximate coverage rates, refer to the Insta Stik coverage rates table. For additional application guidelines, refer to the [Adhered Roofing System specification](#).

Tank Only (Item #1117-001)

Wand Kit (Item #1117-002) is supplied with a flexible dispensing hose and wand assembly. **Wand can be used; up to 3 tanks.**

Refer to the **INSTA STIK COVERAGE RATES** table.

INSTA STIK QUIK SET COVERAGE RATES			
Kit	Approx. Weight	Approx. Coverage ft ² (m ²)	
		6 in. (152 mm) o.c.	12 in. (305 mm) o.c.
Canister	30 lb (13.6 kg)	540 ft ² (50.2 m ²)	900 ft ² (83.6 m ²)

STORAGE AND HANDLING:

- **WARNING: EXTREMELY FLAMMABLE.**
Keep away from heat/sparks/open flames/hot surfaces. **Do not smoke while applying.**
- Store product out of direct sunlight, tightly closed in a dry, cool, and well-ventilated place.
- Keep containers closed tightly during transport and storage.
- Protect from moisture, direct sunlight, and freezing temperatures 32° F (0° C).

Shelf Life

Ideal storage temperature is between 50° – 75° F (10° – 23.9° C) to achieve a maximum product shelf life of 15 months.

- Shelf life will be shortened if exposed to elevated temperatures.

PRECAUTIONS:

- **WARNING: EXTREMELY FLAMMABLE.**
Keep away from heat / sparks / open flames / hot surfaces. **Do not apply while smoking.**
- **KEEP AWAY FROM CHILDREN.**
- Do **not** smoke, eat, or drink while actively using this product.
- Use only in a well-ventilated area.
- Keep away from potable water storage systems.
- Read Safety Data Sheets ("SDS") prior to using. SDS can be found at: <https://www.duro-last.com/>.
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.
- Avoid contact with skin.
- Avoid breathing vapors.
- Protect containers from freezing. Do **not** leave exposed to direct sunlight for prolonged periods.

INSTALLATION:

1. General

- Canister temperature must **not** be applied when the surface and ambient temperatures are below 33°F (1° C) or above 111°F (43° C) during application. Failure to maintain proper temperature will result in an off-ratio foam mixture.
- Use canister heaters in cold conditions or use heat blankets and shade the tanks from sunlight.
- Avoid storing canister overnight on rooftop/jobsite when ambient temperatures are excessively hot or cold, or use heat blankets.
- Substrate temperature must be 33° F (1° C) and rising during application.

SUBSTRATE PREPARATION:

- Adhesion tests are required on all substrates. Refer to the [Adhered Roofing System specification](#) for additional application guidelines.
- Do **not** use on substrates showing signs of deterioration or loss of structural integrity.
- Apply to surfaces which are clean, smooth, dry and free of oil and grease.
- On full tear-offs, existing decks having residual asphalt must be cleaned and scraped smooth as best as possible.
- Any remaining asphalt that was not previously exposed (non-oxidized, glossy, shiny) must be primed with Duro-Shield® Roof Primer: Asphalt Bleed Block. Refer to the [Duro-Shield® Roof Primer: Asphalt Bleed Block](#) for application instructions.
- Do **not** use during inclement weather.
- Do **not** use on wet surfaces.
- Insulations must **not** exceed 4 x 4 ft (1.2 x 1.2 m).
- Roof boards (base or cover) must **not** exceed 4 x 8 ft (1.2 x 2.4 m).

TACK AND CURE TIMES

Tack time may vary:

- Tack-free time of 2 – 8 minutes.

Cure time may vary:

- Cure time of 10 – 20 minutes.

NOTE: Varies with temperature and humidity.



BOARD INSTALLATION

(Bead) pattern

- An on/off ball valve at the end of the dispensing hose allows operational control for single-hand application.
- Apply adhesive in 3/4 – 1 inch (19 – 25 mm) width beads out of mixer tip. Space beads 12-inch (305-mm) or 6-inch (152-mm) apart according to the [Adhered Roofing Systems specification](#).
- The adhesive will then expand several inches in width and rise. Once the adhesive has risen and foamed up, boards may be placed on it. Do not apply boards prior to the adhesive rising, and do not exceed the working time.
- Weigh down the boards for 10 – 15 minutes, ensuring that the corners and edges are weighed down properly.

CLEANUP/CANISTER DISPOSAL

- Uncured adhesive can be cleaned with solvents such as mineral spirits, xylene, etc. Cured adhesive can be scraped from surfaces with a rigid scraper.
- Empty canister can be disposed of in most landfills as non-hazardous waste. However, be sure to consult federal, state, and local regulations for your specific area with regard to the treatment of hazardous and nonhazardous wastes.
- Discharge canisters with included wand kit completely into a waste container until the canister is empty of material.
- Empty canister and wand kit can be disposed of in most landfills as non-hazardous waste. However, be sure to consult federal, state, and local regulations for your specific area with regard to the treatment of hazardous and nonhazardous wastes.
- Dispose of captured residual chemical in a licensed facility according to applicable federal, state, and local regulations. Do **not** discharge chemicals into sewer system or allow to contaminate soil.

The information given on this PDS is subject to change without notice. Always check the Duro-Last website at www.duro-last.com for the latest information, changes and updates or contact Duro-Last at 800-248-0280.

The performance specifications published in this document are based off of information provided by Altenloh, Brinck & Co. US, Inc. (the supplier) and are not guaranteed in any way by Duro-Last, particularly since building design, engineering and construction, including workmanship and materials, are beyond Duro-Last's control.