



NovaTuff RC-100 Roof Coating System (formerly AES-100)

ROOF REPAIR KIT 2 PART BURST PACK

NOVATUFF RC-100 FLEXIBLE EPOXY ROOF COATING

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This kit of **NovaTuff RC-100** is supplied in a two part burst pack, and is premeasured to the correct mix ratio of 3 parts Base to 1 part Activator. Mix ratio is very important.

This kit can be used to make small to mid-size repairs (up to 10 square feet as a film coating or 3 square feet with fabric reinforcement) with the NovaTuff RC-100 roof coating system over various roof surfaces. Repairs with this kit can be performed on metal, concrete, aged EPDM rubber, TPO, PVC, modified bitumen, and polyurethane foam. Contact a NovaTuff technical representative for specific full system installation instructions.

PRODUCT DESCRIPTION

NovaTuff RC-100 is a flexible, two-part epoxy designed to protect a variety of surfaces. When cured, **NovaTuff RC-100** forms a flexible, rubber-like membrane that is UV stable and withstands ponding water. It is especially suited to applications where chemical or corrosion protection is needed and where moisture content may prevent the use of other coatings.

PREPARATION

NovaTuff should be installed on a clean, dry and structurally sound surface, free of sharp edges, loose or foreign material, dirt, oil or grease or other materials or debris which may damage the coating.

MIXING AND APPLICATION

1. Mix the two parts by applying pressure to either end of the burst pack and breaking the seal between the components. Mix by kneading back and forth continuously for 5 minutes.

2. After mixing, allow 15 minutes dwell time to begin the epoxy reaction before application.
3. Cut the end of the bag open and apply one coat with the supplied chip brush.
4. As a film coating, apply at the rate of 1 gallon per 100 square feet (16 wet mils).
5. If fabric is necessary for the repair, apply at a rate of 1½ gallons per 100 square feet (24 wet mils) and immediately embed the included roofing fabric into the coating while still wet. Apply additional coating on top of the fabric at the rate of 1-1½ gallons per 100 square feet (20-24 wet mils) allowing the coating to extend beyond the edges of the adhered fabric.
6. Let the coating fully cure (7 days at 80° F).

ADVANTAGES

- Provides a secure barrier to water penetration.
- Light rain will not damage newly applied coating.
- Adheres to damp surfaces without priming.
- Smooth nonporous surface allows dirt to wash off during a rain storm.
- 100% adhesion of product to substrate.
- Retains flexibility in freezing conditions.
- Minimal surface temperature increase above ambient temperature.
- Sustainable roofing system that saves expensive removal and disposal.
- 10 yr. extendable warranty available for roofs when full coating system is installed.