# D•F® DROP-STOP®

# LEAKY METAL ROOF?

**A severe horizontal seam, before and after application of Drop-Stop®.**

## *NOT JUST FOR METAL!* Drop-Stop® also works GREAT on TPO, Hypalon, Single-Ply & Modified Bitumen roofs - oh ya, Metal Roofs too!

The repair and maintenance of metal roofs has never been easier or more effective. Using Drop-Stop® on roof seams, fasteners, and other roof joints water tight sealing can be accomplished effectively and economically. Simply apply Drop-Stop® in a heavy bead over end laps and vertical seams, or in a dollop over defective fasteners. Drop-Stop® is a brush-grade mastic with unique physical properties.

Drop-Stop is stocked in:
1/2 Gal. squeeze pouch, 1 Gal. pails,
5 Gal. buckets, & 55 Gal. drums.

Unlike most asphaltic or acrylic coatings, Drop-Stop® will not crack or become brittle over numerous freeze/thaw cycles. This unique material actually stretches and recovers to bridge roof joints in which thermal movement can be expected. With 1,500 PSI Tensile Strength and 600% Elongation capabilities, Drop-Stop® can single-handedly tackle most metal repairs.

Drop-Stop® is typically stocked and purchased as white in color. Clear Drop-Stop® is also stocked for fiberglass skylight panel restoration. White Drop-Stop® is U.V. stable but clear Drop-Stop® is only moderately U.V. stable.

**PHYSICAL PROPERTIES OF WHITE DROP-STOP®:** dry to touch: 2-3 hours • fully cured @ 72°F: 3 days • elongation (ASTM D-412) @ 77 F: 600% • recovery from 600% elongation: 99% • recovery from 100% elongation (ASTM D-412): 100% • tensile strength (ASTM D-412): 1,500 PSI • permeability, water vapor (ASTME-96): 0.15 • color stability: excellent • resistance to sunlight: excellent • resistance to chemicals: excellent • weathering effect: slight chalking • adhesion to aluminum (ASTM 3359-80): 5 (highest rating) • adhesion to steel (ASTM 3359-80): 5 (highest rating) • cold temperature flexibility: excellent • abrasion resistance: excellent • resistance to foot traffic: excellent.

A factory sealed unopened can of Drop-Stop has more than a 5 year shelf life if stored in moderate temperatures. The relative freight cost of shipping Drop-Stop in quantity via LTL truck is much more cost effective than shipping 1 or 2 units at a time. Plus, our packaging costs are quite high when we ship 1 or 2 units at a time. For these reasons, please consider buying in quantity to stock Drop-Stop which will save your company substantial money in the long run.

| DROP-STOP PACKAGING SIZE | COLOR | CASE QTY |
|---|---|---|
| 1 Gal. Pail | White or Clear | 2 |
| 5 Gal. Bucket | White | 1 |
| 1/2 Gal. Pouch | White | 2 |

Price breaks available dependent on quantity purchased

*Must buy 1 Gal. pail, & 1/2 Gal. pouches in case qty to achieve price break



CALL 800-821-5448 OR FAX 800-844-1199

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Always inspect the roof to determine the best combination of materials for the repairs at hand. While most repairs can be handled with only Drop-Stop®, a brush grade mastic, larger gaps may require Dyna-Flash® with polyester reinforcement (see details below). For roofs with light surface rust throughout the roof, Dyna-Seal roof coating can provide a total covering to protect the metal's long-term integrity. From spot repairs to full system applications, Drop-Stop® products provide a long-term, economical solution to your metal roofing needs.

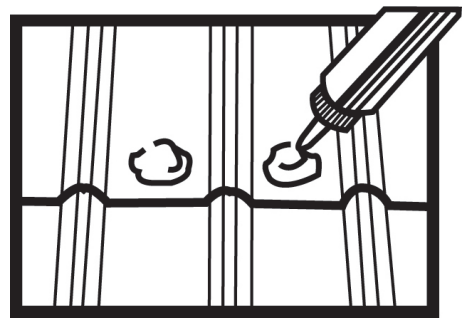
These convenient pouches of Drop-Stop® are ideal to be used as a seam compound, dollop over screw heads, a repair mastic, or many odd jobs. Due to the expected uses, mildewcides, primer & corrosion inhibitors have been added to the basic Drop-Stop. Enclosed cap allows recloseable reuse. ½ Gal. white.

**PREP WORK:** before applying Drop-Stop® the roof must be free from grease, dirt, moisture, and all foreign products. Using a power washer works best. But for small repair jobs one could use mineral spirits or even simply a brush and water (repeatingly if necessary) until the targeted repair area is properly clean. Remember to let dry before applying Drop-Stop®. Apply Drop-Stop® in a temperature range of 40° to 120°F. After application, Drop-Stop® has a service temperature range of -40° to 180°F.

## BASIC REPAIR METHODS WHEN USING DROP-STOP® COATINGS:

1. Badly corroded fasteners should be replaced with a larger sized fastener to assure strong adhesion to the surrounding metal. Also, large gaps between roof panels should be made flush using self-tapping screws.

2. Always remove dirt and debris from the area to be repaired. Residual rust should be removed with a wire brush. Grease or oil deposits should be removed with mineral spirits or similiar solvent. Always allow the roof to dry thoroughly before coatings are applied.



3. A plastic water bottle is an ideal application tool when applying Drop-Stop® over fastener heads. For seam openings of 1/8th of an inch or less, apply Drop-Stop® in a heavy bead, using approximately 1 gallon per 75 linear feet. (75' long by 12" wide).

4. On roof repairs which cannot be easily bridged with a brush grade mastic like Drop-Stop®, Dyna-Flash® should be used with polyester membrane. For best results, Dyna-Flash® is applied with a trowel over loose seams or holes in the roof deck.

5. While still wet, polyester membrane is then carefully embedded into the Dyna-Flash®. Note: the polyester has a shiny and dull side, apply shiny side up. Use a soft bristle brush to smooth out any wrinkles or voids in the membrane.

6. Allow the repair to set for 2-3 hours before finish coating with Dyna-Flash®. For maximum longevity, finish coat the repair area with Drop-Stop®. Dyna-Flash® is not protected from U.V. rays but Drop-Stop® is protected from U.V. rays.

Drop-Stop, Dyna-Flash and the symbol "NO DRIPS INTO A BUCKET" are Registered trademarks of Dynamic Fastener Service, Inc.