

FIELD INSTALLATION

Install with familiar equipment

A practical field guide for placing Roadway Safety Strip on asphalt pavement at localized high-friction treatment locations.

**BEFORE YOU BEGIN****SURFACE**

Sweep or blow the pavement clean of dust, loose aggregate, and debris.

TEMPERATURE

Pavement surface must be greater than 75°F and less than 230°F during application.

LAYOUT

Confirm treatment limits, strip direction, seam locations, and safe work-zone access.

TYPICAL FIELD EQUIPMENT**BASIC TOOLS**

Broom or blower; utility knife; handling rod, feeder bar, or cart; suitable weights for anchoring.

SEATING TOOLS

Hand tamper or pneumatic roller. A roller is recommended for ease, but hand tamping is acceptable.

HEATING OPTIONS

Infrared heater recommended for ease and uniformity. A torch may also be used; in sufficiently warm conditions, solar warming may activate the binder.

PERSONAL PROTECTION

Use appropriate gloves and eye protection. Follow agency work-zone practices and review the current Safety Data Sheet.

Important: Use light, non-vibratory seating pressure. Do not use vibratory compaction equipment.

INSTALLATION SEQUENCE

Prepare the surface and material

Begin with a clean treatment area and handle the release-film-backed strip carefully before placement.



01 Prepare the surface

Sweep or blow the pavement clean. If heating the pavement, work the edges first and keep the surface within the application-temperature range.

02 Handle the material

Remove the release-film backing carefully; the underside is tacky. In suitable warm conditions, the strip may be flipped so sunlight warms the underside for approximately five minutes.



Field note: Work deliberately, protect the tacky underside from contamination, and keep the product aligned with the planned treatment area.

INSTALLATION SEQUENCE

Position, place, and seat the strip

Maintain alignment during placement, correct bubbles before seating, and use only light non-vibratory pressure.

**03 Anchor and position**

Anchor the first few feet with a weight or a crew member. A two-person rod, feeder bar, or cart is preferred for controlled placement.

04 Place the strip

Walk slowly and maintain alignment. The strip may be cut into 5- to 10-foot sections for easier handling. If bubbles form, lift and reset before tamping.

**05 Seat the product**

Tamp lightly with a hand tamper or pneumatic roller. Apply enough pressure for contact without using vibration.

FINAL CHECKS AND FIELD REFERENCE

Step 6: Join, reopen, and verify

Complete the seam, open the treatment area to traffic, and monitor the initial installation.

06 Join and reopen

Overlap the upstream end over the downstream end by approximately 1 to 2 inches. Open to traffic after placement and monitor the installation for 15 to 20 minutes.

SEAM DIRECTION

TRAFFIC FLOW



UPSTREAM STRIP



DOWNSTREAM STRIP

Overlap: Place the upstream end over the downstream end by approximately 1 to 2 inches.

FINAL INSTALLATION CHECK

- ✓ Surface was cleaned before placement.
- ✓ Strip is aligned within the treatment area.
- ✓ Bubbles were lifted and reset before seating.
- ✓ Seams overlap in the correct direction.

OPENING TO TRAFFIC

15-20 MIN

Open to traffic after placement, then monitor the initial installation for 15 to 20 minutes. No post-treatment is required.

QUICK FIELD REMINDERS

CLEAN SURFACE

Dust, loose aggregate, and debris interfere with contact and placement.

CONTROL HEAT

Heating is optional. If used, heat gradually and stay below the maximum surface temperature.

SEAT LIGHTLY

Use a hand tamper or pneumatic roller. Traffic completes the seating process.

Document use: Read this guide with the current Roadway Safety Strip Technical Data Sheet and Safety Data Sheet. Project conditions may require agency-specific review or controls.

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