

PRODUCT IDENTIFICATION

Roadway Safety Strip™

Prefabricated high-friction surface patch

A pre-manufactured, ready-to-apply pavement-friction treatment developed by the **National Center for Asphalt Technology (NCAT) at Auburn University**. The product combines a flexible asphalt-based binder with a polish-resistant calcined bauxite surface and release-film backing.



Intended for localized friction enhancement at defined roadway locations. Final suitability depends on pavement condition, geometry, traffic demands, environment, and project-specific technical review.

TECHNICAL PROPERTIES

PROPERTY	VALUE	PROPERTY	VALUE
FORM	Prefabricated, self-adhesive high-friction surface patch with removable release-film backing	SURFACE AGGREGATE	High-durability calcined bauxite
NOMINAL DIMENSIONS	39 inches wide x 21 feet long; product may be cut to shorter lengths	BINDER	Flexible asphalt-based binder
NOMINAL THICKNESS	0.125 to 0.1875 inches (3.2 to 4.8 mm)	PRIMARY SUBSTRATE	Asphalt pavement
NOMINAL WEIGHT	75-77 lb with release film; approximately 72 lb without film	PAVEMENT SURFACE TEMPERATURE	Greater than 75°F and less than 230°F during application
GROSS ROLL AREA	Approximately 68.9 sq ft	SHELF LIFE	No established expiration under appropriate storage conditions
TYPICAL INSTALLED COVERAGE	Approximately 55-65 sq ft, depending on layout, cutting, and 1-2 inch overlaps	STORAGE	Store under temperature-controlled conditions; protect from high heat and freezing

Document use: This Technical Data Sheet should be read with the current Roadway Safety Strip Installation Guide and Safety Data Sheet. Contact New Age Asphalt Solutions for project-specific application guidance.

APPLICATIONS AND FIELD USE

Targeted friction for localized roadway demands

Roadway Safety Strip is intended for localized pavement-friction applications where braking, turning, wet-weather conditions, or polished pavement create increased friction demand.

CURVES

Short-radius and higher-speed curves

INTERSECTION APPROACHES

Braking, stopping, and turning zones

RAMPS & BRIDGE APPROACHES

Localized transition and control areas

POLISHED SURFACES

Aging or worn pavement needing focused treatment

INSTALLATION OVERVIEW**01 Prepare**

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

03 Place

Anchor the leading end, position the strip, and cut into shorter sections when helpful.

05 Join

Overlap the upstream end over the downstream end by approximately 1-2 inches.

02 Handle

Remove the release film. Heat may be used; in suitable warm conditions, solar warming may activate the binder.

04 Seat

Tamp lightly with a hand tamper or pneumatic roller. Do not use vibratory compaction equipment.

06 Reopen

Open to traffic after placement and monitor the initial installation for 15-20 minutes.

PERFORMANCE REFERENCE

10.2M ESALs

NCAT Test Track exposure through July 20, 2026, with a final locked-wheel friction number of 53.0. See the current NCAT Performance Brief for the full 28-measurement record and qualifications.

SAFETY AND HANDLING

Supplied as a solid manufactured article. Use appropriate gloves and eye protection during handling and installation. Excessive heating, burning, cutting, or sanding may create fumes, hot surfaces, or other hazards. Review the current Safety Data Sheet before use and follow applicable agency and workplace-safety requirements.

Technical support: office@newageasphaltsolutions.com | (941) 287-7796 | www.RoadwaySafetyStrip.com