



TECHNOLOGY BRIEF

COMPARATIVE TEST RESULTS

EZ Street Asphalt and Georgia premium cold mix

OVERVIEW

Superfos Construction, United States, Inc., (SCUS) the fifth largest asphalt producer in the country recently conducted comparative tests between EZ Street Asphalt and another high performance cold asphalt (Georgia). SCUS performed these tests at their research and development facility in Dothan, Alabama. The facility is the first of its kind in the United States.

TEST

Marshall Stability (AASHTO-245-94) – Determines the overall strength in its intended application.

Moisture Susceptibility (GDOT-66) – Measures mixture’s ability to prevent moisture induced damage, especially in cool climates.

Susceptibility to Rutting (GDOT-115) – Indicator of a mix’s ability to perform in the field and resist permanent deformation.

TEST DATA

OBJECTIVE	HIGH PERFORMANCE COLD MIX (GEORGIA)	EZ STREET	GEORGIA DOT HOT MIX SPECS.	COMMENTS
Test for Stability AASHTO-245-94	1910 lbs.	3023 lbs.	1800 lbs. Minimum	EZ Street Asphalt posted 58% higher stability results over the competitor’s high performance cold mix.
Test for Stripping GDOT – 66	47.3%	82.6%	80% Minimum	EZ Street Asphalt is 75% more resistant to stripping AND surpasses GDOT TSR hot mix specifications.
Test for Rutting GDOT - 115	12.8 mm	10.0 mm	7.0 mm	EZ Street Asphalt has 22% lower rutting depths compared to the Georgia competitor.

DATA SUMMARY

Recent research concludes that EZ Street Asphalt is 75% stronger in TSR Tests and surpasses Georgia DOT Specifications in this category. EZ Street Asphalt is 58% more stable and 22% more resistant to rutting than the competitor’s high performance cold-mix

FIELD INTERPRETATION

Results conclude that EZ Street Asphalt outperforms the Georgia premium cold asphalt competitor in tests of stability, stripping, and rutting. EZ Street Asphalt even exceeds Georgia hot mix specifications for stability and stripping. Whether it is utility cut patching, potholes, or small overlays, based on these test results, EZ Street Asphalt is a viable “flexible” alternative to hot mix. Best of all, EZ Street is guaranteed permanent.

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