ROADBOND EN 1
SOIL STABILIZER

Tested in the Lab… Proven in the Field.

APPLICATION RATES

REFERENCE GUIDE FOR MATERIAL CALCULATION

REQUIREMENTS

ROADBOND EN 1™ shall be stored and handled in closed, weatherproof containers until immediate distribution on the road. ROADBOND EN 1™ materials must be stored in covered storage and well ventilated with adequate protection from flooding or damage.

For mixing ease and safety, round up to the nearest 5-gallon increment (e.g., 72 gallons rounds up to 75 gallons). Follow strict application instructions.

Road Width (Feet)	6" DEPTH	8" DEPTH	10" DEPTH	12" DEPTH
	0.005556 GA/SY	0.007407 GA/SY	0.009259 GA/SY	0.011111 GA/SY
20' wide road	65.2 gal per mile	86.9 gal per mile	108.6 gal per mile	130.4 gal per mile
22' wide road	71.7 gal per mile	95.6 gal per mile	119.5 gal per mile	143.4 gal per mile
24' wide road	78.2 gal per mile	104.3 gal per mile	130.4 gal per mile	156.4 gal per mile
26' wide road	84.7 gal per mile	113.0 gal per mile	141.2 gal per mile	169.5 gal per mile
28' wide road	91.3 gal per mile	121.7 gal per mile	152.1 gal per mile	182.5 gal per mile
30' wide road	97.8 gal per mile	130.4 gal per mile	163.0 gal per mile	195.6 gal per mile
Sq yards treated per gallon	**180 sq yd**	**135 sq yd**	**108 sq yd**	**90 sq yd**
Sq yards treated per gallon (combined with another stabilizer)	**171 sq yd**	**129 sq yd**	**103 sq yd**	**86 sq yd**
Cubic yards treated per gallon	**30.0 cubic yards — any depth**			
Cubic yards treated per gallon (combined with another stabilizer)	**28.5 cubic yards — any depth**			

** Use 5% more ROADBOND EN 1™ than the chart calls for when ROADBOND EN 1™ is combined with another stabilizer, such as Portland cement, fly ash or lime. One gallon then treats 28.5 cubic yards instead of 30.

*** Application rate per square yard is shown beneath each depth heading. Rates are stated exactly; the total gallons formula, the gallons-per-mile figures, and the square-yard and cubic-yard coverage rows all derive from the same calculation.

† Used on its own, ROADBOND EN 1™ performs best in clay subgrade soils with a Plasticity Index of 20 or above. Combined with another stabilizer, that threshold does not apply. Calculate any treatment depth using the formula below; contact CSS Technology, LLC to confirm designs outside the depths shown.

TOTAL GALLONS FORMULA

Length (ft.) × Width (ft.) × Depth (in.) ÷ 9,720 = Total Gallons

Equivalent to one gallon per 30 cubic yards of material, or 28.5 cubic yards when combined with another stabilizer.

Calculate your project at roadbondsoil.com/application-rates

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The only authentic source