

TenCate Mirafi® RSi-Series Test Drive Program

TenCate Geosynthetics is currently conducting a Mirafi® RSi-Series Test Drive program. Subgrade stabilization can be accomplished with a number of engineered solutions. The use of TenCate Mirafi® RS380i and RS580i allow for considerable aggregate reduction when bridging soft soils. TenCate distributors currently have inventory of Mirafi® RSi geosynthetics available for “test drive” installations. Contact your TenCate Engineering Business Manager to arrange an installation. One roll of Mirafi® RSi geosynthetics will be supplied at no cost. An appropriate aggregate thickness will be recommended by TenCate based upon site subgrade conditions.

Contact:
John Herrmann
 Market Development Manager – Oil & Gas
 (636) 248-2423
j.herrmann@tencate.com



Potential Aggregate and Undercut Savings

Soil CBR	Unreinforced Stone Depth (inches)	Unreinforced Section Cost (square yard)	RS380i Stone Depth	RS380i Section Cost	RS580i Stone Depth	RS580i Section Cost
1.0	31	\$35.65	19	\$26.05	16	\$24.40
1.5	26	\$29.90	14	\$20.30	9	\$16.35
2.0	23	\$26.45	12	\$18.00	7	\$14.05
2.5	22	\$25.30	11	\$16.85	6	\$12.90
3.0	21	\$24.15	9	\$14.55	6	\$12.90

Notes: Assumes axle load of 20 kips, 1,000 passes, 100 psi tire pressure and 1.5" allowable rut depth. All section costs include estimated installed geosynthetic costs, installed aggregate costs estimated at \$20/ton and soil excavation and removal costs estimated at \$0.15/SY-in.

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