



PRODUCT BACKGROUNDER

About TenCate Mirafi® Brand Products:

Since debuting in 1973, Mirafi® products have provided solutions for reinforcement projects across the United States. Mirafi® products are widely accepted and used in nearly every country in the world. Mostly utilized in the construction of roads, retaining walls and slopes, TenCate's Mirafi® has won numerous awards.

The flagship Mirafi® products include the company's H₂Ri and RSi series. With over 100 billion square yards produced annually, there's a chance the average person has come across a project that has used Mirafi® without even knowing. For example, Mirafi® products have been used during the construction of:

- LaGuardia International Airport
- Trump National Golf Course
- Pennsylvania Avenue in front of the U.S. Capitol
- Dalton Highway in Alaska (made famous by the "Ice Road Truckers" show)

Awards for Mirafi® products include:

- **FabricLink Network's Top 10 Textile Innovations**
- **OPAL Outstanding Civil Engineering Achievement (OCEA) finalist**
- **2012 IAA Outstanding Achievement Award:** Transformation of Wastewater Impoundment into Qingjing Lake at Sino-Singapore Tianjin Eco-City
- **2011 IAA Award of Excellence:** Hetaoyu Mine Coal Processing Plant
- **2010 IAA Award of Excellence:** Incheon Bridge Product with a Geotube Application
- **2009 IAA Outstanding Achievement Award:** Disposal of Coal Mine Slurry Waste Using Geotile Containers
- **2009 IAA Outstanding Achievement Award:** Eganville Waste Water Treatment Plant Dewatering
- **2008 IAA Award of Excellence:** Swamp & Stream Crossing Airmail Drive
- **2006 IAA Outstanding Achievement Award:** Telford Marsh – Canadian Pacific Railway Restoration
- **2006 IAA Award of Excellence:** Interstate 5/Interstate 805 Traffic Relief Project
- **2006 IAA Outstanding Achievement Award:** Lagoon Closure at a former Rayon Manufacturing Facility (Axis, AL)
- **2005 IAA Outstanding Achievement Award:** Timmins/Frederick House River Bridge
- **2005 IAA Award of Excellence:** Trump National Golf Course, Los Angeles, CA



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About TenCate Mirafi® RS580i:

A member of the RS series family, Mirafi® RS580i will extend the award-winning legacy of Mirafi® products. For instance, it outperformed all geosynthetics tested in the [Western Transportation Institute/Montana State University research study](#) “The Relative Operational Performance of Geosynthetics Used as Subgrade Stabilization” study on road construction.

The groundbreaking, independent [report](#) was commissioned by nine departments of transportation (New York, Texas, Montana, Ohio, Oklahoma, Oregon, South Dakota, Idaho, and Wyoming) and found that use of Mirafi® RS580i in road construction can more than double the life of a road, reduce CO2 emissions, shorten construction times and ultimately save taxpayer resources.

RS580i has been used in:

- **The Presidio Parkway:** A 1.6-mile segment of Route 101 at the southern approach to the Golden Gate Bridge in San Francisco
- **UDOT SR-92:** A heavily trafficked road expansion from SR-92 from I-15 to SR 74 in Highland, UT
- **North Carolina A&T University:** A road replacement running through campus
- **The City of Ashland, MO:** A new library parking lot, removed 18” of stone (50%) which led to reduced costs and expedited construction
- **M.A. Patout & Son, Ltd. “Enterprise Factory”:** A solution for 800-900 sugar cane transport trucks to travel
- **“Locks to Lakes Corridor” King County’s nationally acclaimed regional trail system:** 175 mile-long network of trails for biking, hiking, walking and horseback riding