

## Innovative Fabricators Recognized in Sixth Annual Americas Fabricator Excellence Awards

In September 2002, Dow announced the winners of the sixth annual Americas Fabricator Excellence Awards for DERA KANE\* Epoxy Vinyl Ester Resins. Dow received numerous entries from companies in North and Latin America. The company selected three winning fabricators who demonstrated exceptional innovation:

- C.P.F. Dualam Inc., of Montreal, Quebec, Canada
- W. Brandt Goldsworthy & Associates of Torrance, California
- Plásticos Industriales de Tampico S.A. de C.V. of Tampico, Tams, México

According to Mark Siebert, global business director for composites at Dow, "Because we are the world's leading manufacturer of epoxy vinyl ester resins, it is our pleasure to recognize and encourage innovation in the FRP industry. Over the years, we have seen many inventive new FRP designs made with DERA KANE Resins that have provided solutions for a wide variety of end-users who require toughness, durability, corrosion resistance and strength. On behalf of Dow, we congratulate these winning companies. We also encourage all FRP fabricators to continue their innovative work and to share their success stories with us by entering next year's Fabricator Excellence Awards."

Read on to learn more about the winning projects of the 2002 North American Fabricator Excellence

Awards. To find out more about DERA KANE Epoxy Vinyl Ester Resins or about Dow's Fabricator Excellence Awards program, go to our web site at [www.DERAKANE.com](http://www.DERAKANE.com).

### C.P.F. Dualam Inc., of Montreal, Quebec, Canada

C.P.F. Dualam Inc. received its first Fabricator Excellence Award for an innovative dual-laminate dechlorination tank that was designed for end-user Petroquímica de Venezuela Pequiven S.A. in El Tablazo, Venezuela. Petroquímica required a new piece of equipment to replace an existing rubber-lined steel tank that frequently required maintenance due to the highly corrosive conditions inside the plant. Specifically, the new tank needed to withstand corrosion while effectively removing the hot chlorine gases present in brine following the electrolysis process. To accomplish this tall order, C.P.F. Dualam fabricated a new FRP tank that measures 14 feet in diameter at the base and stands more than 61 feet tall. The company used DERA KANE\* MOMENTUM\* 441-400 Epoxy Vinyl Ester Resin with a glass fabric-backed FEP thermoplastic liner made by Symalit.



C.P.F. Dualam used dualam technology to fabricate this FRP chlorine neutralization tank with DERA KANE\* MOMENTUM\* 441-400 Epoxy Vinyl Ester Resin.

\*Trademark of The Dow Chemical Company

# Americas Fabricator Excellence Awards

November 2002

## W. Brandt Goldsworthy & Associates of Torrance, California



DERAKANE MOMENTUM Resins were used in this 75-foot tall power transmission pole, constructed with pultruded FRP snap-fit parts fabricated by W. Brandt Goldsworthy & Associates.

W. Brandt Goldsworthy of Torrance, California, also received its first Fabricator Excellence Award for its innovative design and fabrication of FRP power transmission poles for the National Science Foundation, which is located in Washington, D.C. The company developed a system of pultruding tapered FRP parts made with DERAKANE\* MOMENTUM\*

640-900 Epoxy Vinyl Ester Resin, and featuring a “snap-fit” capability that allowed easier assembly on site. When assembled, the poles stand 75 feet tall. The first of the new poles was successfully tested in May 2002, with officials from the Electric Power Research Institute present at the trials. With testing now successfully completed, the company is beginning the commercialization phase for the new power transmission poles.

## Plásticos Industriales de Tampico S.A. de C.V. of Tampico, Tams, México

Plásticos Industriales was honored with its first Fabricator Excellence Award for fabricating Mexico’s largest FRP tank for the country’s largest mining company, Grupo México. The tank was needed to store 142,000 gallons of organic solvents, while maintaining resistance to the many other corrosive elements that are typical in mining. What’s more, the tank needed to endure the exposure and heat from the desert environment in Canaea, Sonoro, where the mine is located. Plásticos Industriales selected DERAKANE\* MOMENTUM\* 470-300 Epoxy Vinyl Ester Resin because of its easy processability and controlled gel times.

Plásticos fabricated the tank in three sections for easy transportation and installation at the site, and also used DERAKANE MOMENTUM Resins on the joints of the tanks, which allowed them to reduce processing time by about 30 percent.



DERAKANE MOMENTUM Resins were used to construct this 142,000-gallon FRP tank — the largest of its kind in Mexico.

## Call for European Entries

Applications are now being accepted for the European Fabricator Excellence Awards. Visit [www.DERAKANE.com](http://www.DERAKANE.com) for details on how to submit an entry.



Published by The Epoxy Products and Intermediates Group of The Dow Chemical Company, 2040 Dow Center, Midland, MI 48674  
1-800-441-4369

Editor: Kellie Rogge  
Editorial Advisor: Andrea Deering

To submit article ideas, e-mail us at [derakane@dow.com](mailto:derakane@dow.com).

Don't forget to visit our web site at [www.DERAKANE.com](http://www.DERAKANE.com).