



## Dudley Primeaux

When you think about polyurea coatings and linings, you immediately think of Dudley Primeaux.

Primeaux has had a unique position in the polyurea coatings industry, from involvement at the start in a pure research and development role, to technical sales/marketing, material development, supply, support, inspection, and training.

Primeaux graduated with a BS in chemistry and an MS in chemistry in organic synthesis from Lamar University in Texas. He started working for Texaco at its Port Arthur Research Labs before moving to the Texaco Chemical Company's Austin Research Labs in the urethane section. It was here that he initiated and developed aromatic spray polyurea elastomer technology. He continued in this position with Huntsman Corporation (which took over the Texaco business), where he further developed the



spray polyurea technology including the aliphatic spray elastomers. He also gained experience with the different high- and low-pressure plural-component spray equipment necessary to apply these very fast curing systems.

At this time, he was also responsible for introducing spray polyurea elastomer technology to the world market through technical articles and presentations, a role he has

continued to this day.

In 1998, he moved to Mobile Enterprises Inc. as the managing partner/chief chemist and co-owner of EnviroChem Technologies LLC.

He was responsible for the management of the certified contractor and applicator network, as well as for development of new products. He also conducted training for the Gusmer spray equipment distributor program, an area he would later expand when he set up his own consultancy, Primeaux Associates LLC, in 2000.

As owner and manager of Primeaux Associates, he has been providing consulting



Horseback riding in Wyoming with his family

### Industry Involvement

**2001/02** President PDA

**2002/03** SSPC Technical Program Advisory Committee

**2009/2012** SSPC C1.9 Polyurea Committee Chairman

**2000/2005, 2007/2010** Technical Committee Chairman, PDA

**2008/10** Board of Directors, PDA

**2009/2012** UL Canada, CAN/ULC-S668-12 First Edition—Linings in Containment Liners

**2010/2012** ASTM WK23937 and AWWA Manual of Practice 28—pipeline renewal work

Member SSPC, NACE, FSCT

SSPC C-1 and C-2 Certified

SSPC—PCS Protective Coating Specialist

SSPC—CCI Concrete Coatings

Inspector

GUSMER, GRACO and Gama equipment certified

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services for the plural-component, spray-applied coatings and linings industry, including formulation development, specification preparation, and safety.

Recently (Dec. 2011), Primeaux has joined forces with VersaFlex Incorporated as Director of Education & Development.

He is a firm believer in continuing education, both for himself and for the industry. His other major contribution to the protective coatings industry is that of training, both in technology and, more importantly, in application.

He started as instructor for the Polyurea Training Group, providing training sessions related to polyurea technology, chemistry, equipment, and application techniques. He has developed the training sessions, PowerPoint presentations, classroom work, and handouts, as well as the exam materials. The courses have been given AIA/CES certification. He is also a developer and former instructor for the Polyurea Development Association's (PDA) polyurea applicator spray course. This 40-hour course is designed for applicators and involves classroom work, field-applied spray techniques, and a final exam.

In the course of his work, Primeaux has earned many awards, including the following:

- Best Quarterly Performance Trophy, "Polyurea RIM Commercialization," Texaco Chemical Company, Aug. 1988
- Individual Outstanding Contributor Award, "Development of Aliphatic Polyurea Spray Elastomer Systems," Texaco Chemical Company, Dec. 1990
- Best Presentation Award, "Recent Advances in Polyurea Technology, CASE Session," Polyurethanes 2005 Technical Conference and Trade Fair, Houston, TX
- 2006 Platinum Development Award Winner, "New Aliphatic Chain Extender for Light Stable Polyureas," Poster Presentation, PDA
- 2012 Wayne Kraus Technical Award, Philadelphia Society for Coating Technology (PSCT)

Primeaux currently has over 40 technical publications related to the field of elastomers, coatings, applications and techniques, and equipment set-up and operation. His article for the Top Thinker series will appear later this year.

He is named as inventor or co-inventor on 28 U.S. patents and eight European patents related to polyurethane foams and polyurea elastomers and their application, as well as robotic pipelining application work.

Primeaux is still promoting the unique properties of polyurea elastomer coatings and linings together with industry training. He has supported the Polyurea Development Association, Europe, since its formation.