

SEPARATION TECHNOLOGY IN AUTOMOTIVE PAINT APPLICATIONS

Kirsten Kulik¹, Scott Yaeger²

¹FAST International, Inc., ²FAST International Inc.

Ultrafiltration membranes have been used to treat electrocoat paint for over 30 years. In addition, ionic membranes are also used to control the acid level in electrocoat paint. This paper will cover the technical aspects of this application from the membrane, to the element construction, to the system design to its operation. It will include the current state of the art as well as future needs and developments.