

Whitford breaks new ground with Xylan[®] HB

Innovative high-build liquid nonstick coating easily achieves film build of 75 microns (3 mils)

Elverson, PA, 1 March 2011. Xylan HB (for “High Build”) answers a problem that has been the nemesis of the liquid fluoropolymer coating applicator since nonstick coatings were launched in the middle 1950s: How does one achieve good film integrity at film thicknesses over 25 microns (1 mil) without having such severe problems as stress cracking, mud cracking, low density, porosity and non-uniformity?

The answer: new Xylan HB waterborne coatings, which can be applied at films to 75 microns (3 mils) with one cure. Even thicker films (up to 125 microns/5 mils) are possible with longer-than-normal cure cycles. Depending upon the specific application conditions, the oven ramp-up or flash time should be extended to assure removal of all volatiles.

Xylan HB is a good alternative to PFA powder. It has excellent release characteristics and, because of its ability to form thick films, it is ideal for applications with rough surfaces from commercial waffle irons to molds that are recycled repeatedly. Due to its ability to be applied as a thick film, Xylan HB offers extended wear characteristics, simply as a result of the added durability afforded by the thicker film. And all formulae are FDA-compliant.

Says David P. Willis, Jr., president of Whitford, “Xylan HB is the latest in an exciting string of innovative new products from Whitford. We see an extremely bright future for Xylan HB.”

Fluoropolymers are high-performance plastic materials used primarily in performance-critical applications in defense-related industries and in automotive, aerospace, electronics, telecommunications, chemical, medical and many other industries. In spite of their diverse uses, the average consumer knows these coatings primarily as the “nonstick” part of a fry pan.

Whitford is the manufacturer of the world’s largest, most complete line of fluoropolymer coatings, with manufacturing facilities in eight countries, offices in twelve more, plus a network of agents in an additional 25 countries. Whitford sells in more than 50 countries.

For more information, please contact Whitford, 47 Park Avenue, Elverson, PA, 19520. Telephone: (610) 286-3500. Or email us at: sales@whitfordww.com. For additional information on Whitford, please go to our website: whitford-ww.com.



Xylan HB is perfect for waffle makers.