



Fresh Scottish salmon ready for seasoning, just prior to smoking.

British custom-coating applicator uses Xylan® XLR to replace costly silicone paper

March 2017, Hertford, England. AFT Fluorotec Coatings of Hertford, England, chose Xylan XLR to help a seafood-processing company solve a problem and save money, time and effort.

The company, located in Scotland, has a large product line which ranges from simple cooked fish fillets to smoked or flavored fillets all the way to speciality gravlax and canapé products.

The company encountered a problem and contacted Fluorotec for help. The processing of sweet chili-coated salmon was attempted by the usual method, but it simply did not work. The process used many wire racks, each about 1200mm square and stacked 30 high. The salmon fillets were laid out on single-use, perforated silicone paper (perforations are essential to perform the smoking process).

This worked satisfactorily for other products, although it added more cost due to the special expensive paper, the cleaning, paper disposal and labor costs. However, when it came to processing the sweet, chili-coated salmon, the fillets began to “glue” onto the silicone paper. That ruined everything, including the fillets.

Fluorotec consulted with Whitford, makers of the world’s largest line of fluoropolymer coatings, and Whitford suggested a customized version of its Xylan®XLR to coat the racks and eliminate the expensive paper entirely, and not just for the chili-coated salmon. Fluorotec says “The results were significant, to say the least!”. The results:

- £100k annually saved on silicone-paper purchase alone.
- Labor savings in time and money on the paper handling.
- Labor and waste savings in time and money on paper disposal.
- Reduction in environmental damage from using and disposing of the expensive silicone paper, resulting in an enthusiastic high five from customers.
- Huge reduction in chemical requirements for tray cleaning, for additional savings in

time and money, plus further environmental impact reductions.

- Even more important, a more consistent, high-quality product for the customer, with less waste due to damage.

Whitford, headquartered in Elverson, Pennsylvania, is a worldwide coating manufacturer with manufacturing sites in eight countries, sales offices and agents worldwide.

*For more information on AFT Fluorotec Coatings Ltd., please visit fluoroteccoatings.com.
For more information on Whitford, visit whitfordww.com, contact sales@whitfordww.com or at the address below.*