



Blood-Free Foam Technology

FOR PLYWOOD AND LVL

Greater opportunity, without the mess

Arclin's Blood-free Foam Technology (BFT) is a game-changer for mill environments that once relied on spray dried blood for adhesives applied by foam extrusion. Able to maintain stable foam properties without the use of red blood cells, Arclin's adhesive for plywood and LVL opens the door to optimizing performance characteristics not previously possible — at lower cost and without the hygiene challenges of traditional dried blood mixes.

BFT reduces adhesive spread and, thus, costs by as much as 5 to 8% over a seasonal cycle. It also significantly cuts the amount of glue mess and waste.

And without relying on red blood cells to provide foaming properties, Arclin's BFT can be modified in new ways by adding catalysts to, for instance, speed hot press cycles or by introducing alkalinity to improve adhesive penetration. Dry solids can also be increased to improve moisture tolerance or prepress tack.

Arclin's proprietary Blood-free Foam Technology:

- Completely eliminates the need for spray dried blood for adhesives — without losing foamability, eliminating threats of contamination, and creating opportunity to enhance product and mill performance
- Reduces costs — and mess. Adhesive spreads are reduced between 5 and 8%. Less mess means lower clean-up costs and less glue waste
- Can be modified to increase press cycles and improve adhesive penetration, moisture tolerance and pre-press tack
- Improves de-foaming and re-foaming of the adhesive, enabling up to at least four re-foaming cycles, versus only two with blood-based adhesives
- Can be stored for much longer without performance loss



Blood-free improves digestion — and hygiene

Arclin's Blood-free Foam Technology enables adhesives to better digest wheat and soy flours used in the foam extrusion process. That means fewer flour balls and blood clots to plug the screen and less flour sludge. Sounds messy? Because it was. Blood-free foam adhesives mean better performance, less mess and better hygiene.

Performance — *applied.*

More information at www.arclin.com
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