



mitech news

Greetings to all

Welcome to the May news edition.

This month we present only one service, but it is a panel lamination process which is now very topical;.

In this edition:

- Biocides for laminates



Biocide for laminate surfaces Wuertz Antimicrobial PAT®-964

With a view to the recent developments it may be time to consider antimicrobial additives. Of course some HPL producers are familiar with microbe resistant surfaces, mainly for clinical and laboratory worktops.

But of course an antimicrobial product can apply to all surfaces



PAT®-964 has a proven record of excellence in this area. The advantage of PAT®-964 over competitive materials are namely:

- PAT®-964 is an ideal aqueous solution, which forms clear solutions after being mixed with MF, UF or PF-resins. This ensures two factors:
 - An even distribution of the active components over the surface of the impregnated paper.
 - A rapid and easy cleaning of the treater if it is required to change between different paper-qualities (e.g. non-antimicrobial vs. antimicrobial).

- In contrast to other commonly used chemicals for this application the ingredients are non-toxic (to mammals). In fact, all ingredients of PAT®-964 are listed on the ACTIVE TSCA-list (as well as on most other lists).
Commonly used silver based Triclosan, is insoluble in any aqueous media. The consequence is that an even dispersion over a surface is not assured
- Certificates are available for the effect on bacterial organisms. Virus infections are typically accompanied by a bacterial infection.
- The cost of applying PAT®-964 is surprisingly feasible!

Regarding Corona 19.

During an outbreak of a new virus like COVID-19, no products exist on the market that can make claims to kill the virus.

Quote from Centre for Biocide Chemistries:

It can take more than one year to get a viral claim approved by a regulatory agency.

Coronaviruses are enveloped viruses, meaning they are one of the easiest types of viruses to kill with the appropriate product

Conference Systems

With the current hold on travel and visits, Mitech welcomes any means of communication which approaches face-to-face discussions.

This may include the currently popular Zoom conferencing medium.

Feel free to schedule a conference, or request a date and time

Engineered wood panels

- Conveyors
- Chippers
- Resin plants
- Chip washers
- Plywood presses
- Mat Spray Systems

Panel Lamination

- Paper impregnation lines
- Short Cycle Presses
- HPL Presses
- Veneer presses
- Press Pads
- Press Caul Plates
- Paper winders
- Paper Cutters
- Protective Foil application

Additives

- Release Agents
- Wetting Agents
- Hardeners
- Dyes and Pigments

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