



# Wood Composite & Paper Impregnation

DELIVERING CUSTOMIZED SOLUTIONS FOR THE  
TOUGHEST MANUFACTURING CHALLENGES

## Wood Composite



Each year, we spend thousands of hours on the mill floors of wood based panels producers all over the world, giving our technical experts insight into your processes and toughest production challenges. In our world-class regionally localized laboratories dedicated to the wood industry, we apply this insight to developing customized, sustainable solutions that elevate your operating efficiency, producing less waste and improving board quality.





Reduced waste with less release agent required to produce an efficient release



Less product waste due to a reduction of overspray



Reduced energy use in production and transportation of release agent due to lower product volume use.



Cleaner, safer work environment

## WOOD COMPOSITE Innovative Solutions



Our line of products for the wood industry includes:

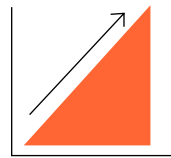
### RELEASE AGENTS

Our release agents provide superior release when using pMDI resin on all types of wood panels (OSB, Particleboard, or Fiberboard). Individualized solutions are available for non-pMDI users as well. With the use of pMDI on the rise, difficult release and buildup are becoming more common. Our release agents are custom-formulated for these specific challenges. When using continuous presses, release agents can be applied in-process to the mat, forming belt, or directly to the pressing belt surfaces. When using daylight presses, they can be applied to the mat or billet and caul surfaces. These operations occur without line speed interruption.

### PLATE/PLATEN/SCREEN PRIMERS AND SEALERS

Our plate, platen, and screen primers and screen sealers reduce resin buildup and porosity, condition pressing surfaces, and enhance the performance of release agents and pre-press sealers. These products keep the pressing surfaces cleaner, maintain part quality, and reduce downtime.

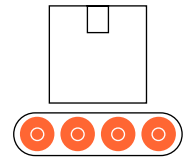
Our solutions will enhance your bottom line by:



IMPROVING  
BOARD  
QUALITY



INCREASING  
EFFICIENCY



BOOSTING  
PRODUCTIVITY



## Paper Impregnation

Paper Impregnation specialty process and functional additives are critical to the production of high-quality decorative papers for furniture and flooring laminates.



Whether you impregnate decor papers for furniture or flooring, overlay and/or balance (baker) papers, or your impregnated paper is being used in low pressure lamination (LPL), high pressure lamination (HPL), or continuous pressure lamination (CPL), having a reliable process means everything to maintaining consistency and high-quality in your production.

Chem-Trend offers extensive process and machinery knowledge along with a broad range of products to provide manufacturers with tailor-made solutions focused on efficiency and laminate surface design. Well known in the industry, the Deurowood® portfolio of products offers you best-in-class technology.

### INNOVATION

- Process additives
- Functional additives
- Hardeners (curing agents)
- Pigment dispersions
- Special applications





## Highlights

Our superior products are rooted in our manufacturing and technical expertise, understanding of your operations, deep industry insight, and specialized laboratory resources.

### PERSONALIZED ATTENTION FOR MAXIMUM EFFECTIVENESS

Chem-Trend is your partner on the production floor, where we gain understanding of your process, requirements, equipment, and challenges. With this knowledge, we can offer the most effective solutions for your specific needs. The development of new chemical technologies in our own laboratories further extends our ability to formulate solutions that are most effective for the challenges of wood composite molding or paper impregnation processes. During product development, we simulate your production environment, enabling us to evaluate and ensure optimal quality and performance.

### A REPUTATION FOR SUCCESS

For more than 60 years, Chem-Trend has been a global leader in the development of solutions for pressing, molding, and casting process challenges. We have a singular focus on developing chemical specialties for processing. Because we are so focused, we can deliver exceptional value, performance, and dependability in all we do.

### MANUFACTURING EXCELLENCE

We are committed to excellence in all aspects of manufacturing. We are leaders in quality manufacturing practices, environmental standards, and health and safety management systems. Our facilities hold the following certifications:

- ISO9001
- ISO14001
- OHSAS18001
- ISO 45001

### GLOBAL LOCATIONS FOR LOCAL SERVICE

As a global supplier, we operate from offices, manufacturing facilities, and distribution partners in all industrialized regions of the world, providing local sales and technical support wherever you need us.



Contact us for more information and to connect with a local Chem-Trend sales representative.

[CHEMTREND.COM/CONTACT](http://CHEMTREND.COM/CONTACT)



Release Innovation™