Formaldehyde: Contributing to a Sustainable Future for Wood Products

Renewable

Wood Fiber & Wood Waste

- 63% of a tree can be used for solid lumber.
- Composite panels allow 95% use of every tree.

Formaldehyde-based resins help the utilization rate of wood resources, resulting in a wide variety of value-added composite wood products.

High Performance

Formaldehyde Resins

- Formaldehyde is a natural substance produced by every living organism.
- Studies have shown that formaldehyde does not accumulate in the environment, people, plants or animals.

Currently, there is no alternative that can provide a better combination of technical performance and economic value than formaldehyde-based resins.

Formaldehyde-based glues and resins provide versatility and innovative solutions to wood products.

Efficient

Composite Wood Panels

- Quality
- Longer Lifespan
- Value
- Durability
- Performance
- Workability

Composite Wood Panels are typically made from recovered wood waste that would otherwise be burned or disposed of in a landfill, so they allow us to make better use of wood fiber.

Over the course of 100 years, net GHG emissions associated with wood-based houses are 20% to 50% lower than emissions associated with thermally comparable houses using steel or concrete-based building systems.

Stringent Formaldehyde Regulations and Emissions Standards in North America

U.S. EPA Clean Air Act Standards
- Emissions from the composite wood panel manufacturing process meet all U.S. EPA Clean Air Act standards.

California Air Resources Board (CARB)
- Nearly 100% of N. American composite panel manufacturers comply with the CARB formaldehyde emissions regulation, the world's most stringent product testing and certification standard.

The Formaldehyde Standards for Composite Wood Products Act
- With the industry's support, the Formaldehyde Standards for Composite Wood Products Act, signed into law in 2010, established a framework for the regulation of formaldehyde emissions from composite wood products at the national level.

Product Stewardship

The Eco-Certified Composite (ECC) Sustainability Standard
- The Eco-Certified Composite (ECC) Sustainability Standard and Certification Program is a voluntary industry standard developed by the Composite Panel Association (CPA) for composite wood panels and finished products made with particleboard, MDF, hardboard and engineered wood siding and trim.