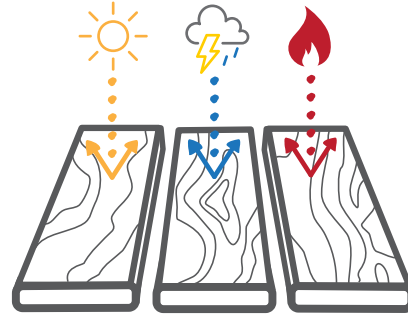




Performance against the elements

Performance Formulation Solutions is an innovative research and development organization that specializes in formulating a wide range of high-performance chemistries including preservatives, coatings, water repellents, fire retardants, and other unique solutions to meet the varied challenges of the lumber and building materials industry.



PRESERVATIVES

PFS Preserve TC 100

- Spray on or dip for panels and trims for interior or coated exterior applications
- Custom blend for fungi/termite resistance

PFS Preserve TC 200

- Spray or dip preservative used to meet interior specification in Hawaii for termites and decay
- Meets building code for UC1, UC2 on DF, OSB engineered wood products, and SYP lumber through ESR 4472 from ICC-ES
- 3rd party inspected by Timber Products Inspection

COLORANTS

PFS Colorant TC 100

- Spray on or dip colorants for pickets, siding, fencing, and boards
- Colors can be customized

MOLDICIDES

PFS Moldicide AP 100

- Can be used both in-cylinder and as a topical coating
- Temporary mold protection to position wood products to be in a good/sellable condition for end use
- Anti-sap stain products to spray or dip onto dry lumber to control mold for short term holding times

WATER REPELLENTS

PFS Water Repellent IC 100

- Water repellent for in-cylinder treatments mixed into work tanks with MCA preservatives
- Better flow through treating plant pipes, valves, and flow controls
- Meets AWWA standard E13 for water repellent wood application
- Compatible with color treated wood formulations
- Extremely shear stable, faster treatment, and less dripping
- Helps to stabilize MCA and pigment dispersions, improves preservative penetration and distribution
- Reduced swelling and water uptake

PFS Water Repellent TC 101

- Topical water repellent
- Can be used as an additive for paints, stains, and coatings
- Works well on OSB, T1-11, and fence pickets
- Provides beading and water run off to help keep wood dry

FIRE RETARDANTS

FlameTech™ Fire Retardant

- In-cylinder, code-compliant fire retardant that is highly effective in reducing the spread of flames and smoke development caused by fire
- Certified and listed with accredited testing agencies
- On-going third-party inspections
- Complies with major model building codes through ESR-4056
- Ability to be UL certified for FR treated lumber and plywood
- For use with lumber and plywood in structural applications



Colorants and coatings for premium wood fence pickets



Superior water repellent formulations for lumber and panels



Value-added stains, coatings, and additives for long-term performance on siding, pattern, and trim products



Performance Formulation Solutions is rooted in innovative products and solutions designed to provide user-friendly protection for wood and wood-based products covering multiple end-use applications.

Capabilities:

- Research and development
- Testing
- Prototyping
- Customized and proprietary chemical solutions
- Small batch manufacturing



PRODUCTS AVAILABLE IN TOTES, DRUMS, AND TANKERS



Innovation. Research. Development.



PERFORMANCE **FORMULATION** SOLUTIONS™