Temporary Sealer for Roseburg EWP

August 2020

All engineered wood products (EWP) produced by Roseburg Forest Products have a temporary sealer applied to them. The sealer is applied to all six sides of RigidLam® LVL and to the ends of RFPI®-Joists during the manufacturing process. The sealer is a surface-applied, modified acrylic latex with wax emulsion that is formulated specifically for EWP. The latex helps to bind the sealer to the wood and the wax additive helps to make it moisture resistant. After the sealer dries, it is inert (i.e. no chemical activity). The sealer may have a color tint added to it. Evidence of the sealer can be observed by the tint (if added) or by scraping the edge of a key or coin along the surface of the LVL. The sealer is water-based and is an environmentally safe product. The sealer we use is one of the best in the industry; however, <u>it is not permanent nor is it waterproof</u>. The purpose of the sealer is to provide a measure of temporary protection against moisture related issues during normal storage and construction schedules. The sealer provides very little protection against UV rays and the resulting discoloration due to sunlight. Even though they are sealed, LVL and I-joist inventory must be rotated regularly, and bundles should remain wrapped, strapped and protected from the weather until time of installation.

The intent of the temporary sealer is to repel moisture, therefore it will likely not accept additional coatings, especially water-based coatings, with any degree of reliability. A solvent-based coating may adhere better than a water-based coating. Removal of the sealer by scraping and touch-sanding will improve adhesion.

The MSDS information for our temporary sealer is available on our website, www.roseburg.com, in the Engineered Wood Products section.

Roseburg's EWP sales and manufacturing team is committed to providing the best possible products for our customers, and we believe the quality of our EWP temporary sealer supports our position.