

HI-COAT UV WATER-BASED

The high build self-sealer
FOR CRYSTAL-CLEAR AND WHITE KITCHEN CABINETS

UV TECHNOLOGY



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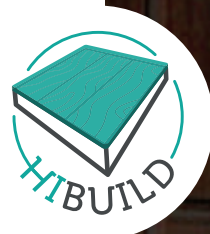
HI-COAT UV WATER-BASED

The high build self-sealer

HI-COAT UV WATER-BASED is the new self-sealer, created by Renner Wood Coatings laboratories. It is a water-based UV technology product.

High solid content

41% of solid content in its crystal-clear version and 46% in its white version. A noteworthy competitive advantage, compared to the traditional self-sealers.



Ultra-uniform opacity on the entire production line batch

HI-COAT UV WATER-BASED ensures a steady opacity to the production of kitchen cabinets. The replicability is guaranteed by the formula, based on raw materials with an extraordinary dispersion efficiency and containing stabilizers for the viscosity and the opacity.



Non-sagging

The thixotropic agents make this self-sealer suitable for an application without signs of sagging. The result is perfect from the beginning to the end of the production.



Top class drying time

Compared to other self-sealers, the drying times of kitchen cabinets coated with HI-COAT UV WATER-BASED are severely reduced.



Stackability without problems

Thanks to its special formula, HI-COAT UV WATER-BASED allows an immediate stackability of kitchen cabinets. Your cabinet is ready to be stacked and sent to the customer, as soon as it comes out from the UV tunnel.



HI-COAT UV WATER-BASED is KCMA/ANSI A161.1 Quality Certification ready

These tests show that HI-COAT UV WATER-BASED can add longevity to your cabinets year over year.

- **Resistance to high heat.** The kitchen cabinet is placed in a hotbox at 120° Fahrenheit and 70% relative humidity for 24 hours.
- **Resistance to temperature leaps.** The kitchen cabinet is placed in a hotbox at 120° Fahrenheit and 70% relative humidity for one hour. Immediately afterwards it is removed and allowed to return to room temperature and normal humidity conditions. Then it is placed in a coldbox at -5° Fahrenheit for one hour. The cycle of temperature leaps is repeated five times.
- **Resistance to aggressive substances.** The kitchen cabinet is subjected for 24 hours to the action of substances, that are normally in a kitchen, such as vinegar, lemon, orange juice, tomato ketchup, coffee, olive oil and alcohol.
- **Resistance to detergents.** The kitchen cabinet is subjected for 24 hours to exposure to detergent solutions.

The standard defined by KCMA/ANSI A161.1 Quality Certification imposes that the coating film, at the end of these analyses, does not show blistering, stains, decoloration, whitening or failure.

HI-COAT UV WATER-BASED gets an A mark in all these tests.