

## WHAT IS NEW AT LONSEAL

With the year only half over, there have already been some exciting, new developments at Lonseal. Our new flooring, Londante with Topseal, has been released, and the Technical Specifications will be available on our website within the next couple of weeks.

We are also in the process of releasing not one, but two new adhesives. The first is the successor to our #300 epoxy adhesive, Lonseal #650 Two-Component, Solvent-Free Epoxy Adhesive. This new adhesive not only provides the same advantages as our #300, but has the added benefit of being a wet-set adhesive. The long open time necessary for the epoxy to fully off-gas has been eliminated with this new adhesive, allowing for reduced installation time.

The second new adhesive is our Lonseal #180 DeckHold Vinyl Decking Adhesive. This adhesive is for use with all exterior installations of our Londeck and Londeck Sierra. This adhesive succeeds our former #200 exterior adhesive.

The new technical information for these adhesives will be available on our website when they are officially released.

## PRODUCT/TOOL REVIEW

For this volume, two different products were reviewed. The first product was the Spatula Knife with Bent Handle (WDD 18B) available from Winkelman Sales, Inc. During testing it was found that this angled handle allowed for a comfortable grip, while still allowing the blade to remain flush against the surface of the floor. During comparison testing, it was also found that skiving tended to be more consistent with this knife compared to the standard blade. There are two things to keep in mind with this knife. First, there is a slight learning curve when switching from the standard knife to this one, so practicing on scrap is recommended before using it on the final seams. Second, the edge is only a single grind versus the standard's double, which will adjust how the blade is honed and sharpened. Visit [www.winkelman-sales.com](http://www.winkelman-sales.com) for more information.

The next product reviewed was Gundlach's Versablade Trowel System. Multiple benefits to this system were found. The different handles allowed for finding the one that felt most comfortable in hand. The blades are easy to change out, and Gundlach offers a large variety of blades to choose from, so they should have the one you need. The blades are also angled and allow for easy right- or left-handed use. For Lonseal adhesives, the blades to use would be 680-FCA (1/16" x 1/16" x 1/16" square notch) and 680-FFA (1/16" x 1/32" x 1/32" U-notch). Visit [www.benjgundlachco.com](http://www.benjgundlachco.com) for more information.

## THINGS TO KNOW

Evaluating and mitigating concrete moisture is and will continue to be a big issue in the resilient flooring industry. In addition to flooring manufacturers' requirements for moisture testing, industry publications seem to constantly publish articles discussing the need to have testing done in order to avoid costly floor replacements due to failure. Testing should always be completed per the ASTM standards, as tests performed outside the guidelines will not be considered within warranty terms. Lonseal requires that the testing entity be certified in concrete moisture testing, which can be obtained through training programs such as those offered by ICRI. When moisture levels exceed Lonseal's requirements, it is recommended that a moisture mitigation system be used to be within our installation guidelines. Lonseal's requirements are as follows:

- ▶ ASTM F1869 – MVER shall not exceed 5.0 lbs./1,000 ft<sup>2</sup>/24 hrs.
- ▶ ASTM F2170 – Maximum relative humidity (RH) shall not exceed 75%.
- ▶ ASTM F710 – Alkalinity shall not exceed 9.

However, there are two other options possible, though any warranty or support for these products will be through that manufacturer. The first is Spray-Lock 3100, which does allow for higher moisture levels than Lonseal adhesives. The second is **Formulator's Aquaflex, which is a fully waterproof adhesive system.** Both companies have completed testing with Lonseal flooring and will provide full support and warranty for applications of our flooring with their adhesive. Visit [www.spraylock.com](http://www.spraylock.com) or [www.formulators.com](http://www.formulators.com) for more information.

## FREQUENTLY ASKED QUESTIONS

- ▶ Why is glazing of a heat welded seam required?
  - ▷ Glazing the welding thread after making the final skive will do two things. First, it will re-seal the thread preventing it from collecting excessive soiling. Second, it will ensure correct color matching between the thread and flooring.
- ▶ Why use a urethane nozzle?
  - ▷ For our factory-applied urethane finish (high gloss and Topseal products), use of the urethane nozzle (ZZ65) prevents damage to the finish by concentrating the heat into the groove. Use of a standard speed nozzle will scorch and/or blister the urethane finish, causing permanent damage.
- ▶ Can any type of cleaner be used with Lonseal's flooring?
  - ▷ Lonseal only recommends using a neutral pH cleaner. Use of a neutral cleaner will protect the finish and prevent permanently damaging the finish and/or floors. Products containing ammonia or bleach should never be used. There are many options for neutral cleaners, and any support for these products will be through that manufacturer. It is recommended they be contacted prior to using their product to confirm its suitability for sheet vinyl flooring with an acrylic or urethane finish.
- ▶ What about disinfectants?
  - ▷ The manufacturer of the disinfectant you are interested in using should always be contacted prior to use. They will be able to provide you with the most suitable product to use on an acrylic or urethane finished sheet vinyl floor. Their instructions should be followed explicitly in order to provide the best performance and protect the finish. As with any maintenance product, all support will be through the manufacturer.