



Healthcare Hygienics Lonseal's Heiko Collection

Disinfectants: Phenolic vs. Quaternary

In a healthcare setting it is essential to ensure the patients are kept in a clean, healthy and safe environment. Maintenance of the flooring installed in these institutions is imperative to keep patients well and reduce re-infection rates.

Lonseal recommends following the initial maintenance procedures when a new Lonseal flooring product is installed in a healthcare facility. Most institutions will implement a disinfectant procedure to be performed after the initial maintenance upon the flooring product. This involves either a Phenolic or Quaternary disinfectant.

As this procedure is mandatory in most institutions, it is important to know about the proper disinfectants to use with Lonseal flooring products, to avoid excessive maintenance procedures or even damage to the flooring.

Phenolic disinfectants will not damage Lonseal flooring products as long as they are used in accordance with the manufacturer's recommendations. They can provide the following advantages if used properly:

- Bactericidal
- Fungicidal
- Tuberculodial
- Virucidal (more effective than a QUAT)

Quaternary disinfectants should never be used with Lonseal flooring products. These disinfectants contain ammonium compounds, which when exposed to vinyl with a finish; they will attack the finish and cause it to soften, become tacky and in some cases even strip the finish from the floor.

Flooring without a floor finish exposed to Quaternary disinfectants can cause the floor to stain, become brittle and shrink over time. Improper use of such disinfectants can cause the resilient sheet vinyl to become permanently damaged.

Heat Welding: Seamless Flooring Solution

Resilient sheet vinyl flooring, in a high-traffic commercial setting, endures a multitude of environmental extremes, including constant traffic, heavy static loads, dynamic loads, rolling loads and temperature fluctuations.

This type of setting includes healthcare facilities such as hospital rooms, extended care facilities, nursing homes and day care centers where hygiene is of the utmost importance.

A heat welded seam offers the advantage of sealing the surface to prevent contaminants from being lodged in the seam or even below the surface. Heat welding is a process of heat fusing two sheets of resilient sheet vinyl flooring together at a seam. A properly executed heat welded seam, can provide a seamless floor, free of joints where microbes can collect and cultivate.

Lonseal flooring is frequently used in healthcare facilities due to its nearly impervious surface to water and other chemicals. This offers a significant advantage over other flooring options.

Offered in 6 foot width sheets, Lonseal resilient sheet vinyl flooring provides an integral surface with high design for any healthcare application. With heat welded seams, the surface of Lonseal flooring products will prevent any type of contaminants from penetrating the material, especially at the reinforced seams.

When choosing Lonseal flooring, for a healthcare application, remember a heat welded seam can provide the customer with a reinforced seamless solution that will protect their investment and offer defense against hosting microorganisms.