



## Regular Maintenance, Deep Cleaning and the Use of Disinfectants on Milliken Protective Flooring Products

You've entrusted Milliken as your flooring supplier, and we're here to support you not only as you get your facilities back up and running, but also in how you maintain your physical locations long-term. We've created the following recommendations pertaining to regular maintenance, deep cleaning, and the use of disinfectants on Milliken Floor Covering products within your facilities.

For concerns related to COVID-19 please visit the Centers for Disease Control and Prevention (CDC) [webpage](#) regarding 'Cleaning and Disinfection for Community Facilities.' This webpage also provides CDC recommendations on the cleaning and disinfection of rooms or areas occupied by those with suspected or with confirmed COVID-19 and provides specific information related to soft (porous) surfaces such as our Protective Flooring products.

According to the CDC guidelines, soft (porous) surfaces should be cleaned before using disinfecting products. Please reference our [Protective Flooring maintenance](#) instructions for recommendations on regular maintenance and deep cleaning guidelines. Once cleaned, the CDC recommends using [EPA-approved](#) disinfectants for your space.

Milliken has evaluated these [EPA-approved](#) disinfectants for cost, availability, impact to indoor air quality, and effect to flooring materials from repeated long term exposure. Based on our evaluation, we recommend using, [EPA-approved Hydrogen Peroxide](#) and **organic acid** based cleaners (e.g. Citric acid, Lactic acid) for broad based application on our protective flooring products. [EPA-approved](#) disinfectants with peroxide and organic acids as the primary active ingredients tend to have the lowest impact on indoor air quality, a critical concern when applying disinfectants over a wide surface area such as protective flooring. In addition, these active ingredients tend to leave less residue and are less likely to impact product performance with repeated applications over time.

Regardless of which active ingredient is chosen, it's important to consider a few primary concerns as facilities consider the need for regular application of disinfectants:

- **Frequency:** One-time application of [EPA-approved](#) broad use disinfectants are generally well tolerated. The main concern is the impact to flooring where repeated and frequent application takes place. To minimize the impact of higher frequency application, regular extraction is needed to remove residual chemicals from the floor.
- **Residual chemicals:** Most disinfectants require removal after being applied in order to remove residual active and other added ingredients that may build up over time. For soft surface this will typically involve an extraction process (powder based or hot water extraction) at a regular interval. This interval will vary depending on the frequency of application and the disinfecting agent used.
- **Chemical concentrations and dilution:** When required, special care should be taken to properly dilute the disinfectant per the disinfectant manufacturer's user manual and equipment manufacturer user manual depending on how the disinfectant will be applied.
- **Pre-test every cleaning and disinfecting agent:** As with any cleaning product, test the cleaning or disinfecting agent to be used on a scrap piece of the same flooring material first. If no scrap is available, test in an inconspicuous area. Allow test area to completely dry; then check for any physical change before proceeding. If there is a physical change, do not continue. Pretest additional products until a safe product is found or call a professional cleaning technician.

Please contact the Milliken Technical Services team for more information regarding specific cleaning procedures and application of disinfectants on Milliken Floor Covering products (1-800-528-8453, option 2).