

Additional guidance regarding the care and cleaning of digitally printed Dreamscape wallcovering Addendum A

This document is meant to be used in conjunction with Dreamscape standard cleaning instructions – "Care and Maintenance of Dreamscape Wallcovering".

In the aftermath of the Novel Coronavirus, Dreamscape has received numerous questions from customers as well as end-users regarding what Covid-19 approved cleaners will assist in minimizing the spread of Covid-19 while at the same time not damage our wallcovering.

Dreamscape cannot advise you regarding whether any particular cleaning product is effective in removing the Covid-19 Virus from our wallcovering. Specific guidance regarding the growth, transmission and ability to remove COVID-19 from physical articles as of this writing can only be described as speculation at best. To date there is a lack of available industrial based testing that could determine these factors, and it is clear that even government entities such as the CDC have not definitively been able to determine how long this pathogen remains active on different surfaces.

Dreamscape cannot provide assurances that any particular cleaning product will not adversely affect our wallcovering because Dreamscape does not control the formulation, or more importantly any particular formulation changes made to these products over time. However, Dreamscape can summarize those cleaning solutions that are known to have been used to successfully clean our wallcovering. Some are recommended for general cleaning, and some only for limited spot cleaning. Most have some established use on viruses as disinfectants. Always follow manufacturer's directions for the maximum safety and efficacy of these cleaning products.

Soap and Detergent

Dreamscape wallcovering passes Type II testing for soap and detergent. Dreamscape standard cleaning instructions recommend mild soap and water for cleaning all of our wallcovering. Soap and water has been recommended by the CDC as a cleaning agent on surfaces for Covid-19. Unfortunately, we have no testing method or guidance to date as to the effectiveness of soap and water against Covid-19 on our wallcovering.

Diluted Bleach

Diluted Bleach - Type II testing does NOT specifically include diluted bleach and diluted bleach should be avoided unless absolutely necessary. That being said, diluted bleach is an alkaline and Dreamscape Wallcovering does pass the alkaline testing for Type II (1% NaOH). Thus, the use of diluted bleach (No stronger than 10:1 dilution) can be used if absolutely necessary with the procedure set forth below:

Please select an inconspicuous spot for test cleaning; Carefully rub the spot (and avoid vigorously rubbing the product with diluted bleach or any caustics).

Note: CDC recommends 48:1 dilution for disinfecting with bleach. Note: Follow all manufacturer directions for mixing any bleach products



Alcohol (Ethanol and/or Isopropanol)

ETHANOL- Dreamscape wallcovering passes Type II testing for 50% Ethanol.

Note: CDC recommends that 60% Ethanol is used for hand sanitizer.

ISOPROPANOL- Type II testing does NOT specifically include Isopropanol (rubbing alcohol). But 70% isopropanol has been recommended for years for use by Roysons standard cleaning instructions. Consult Roysons "Care and Maintenance of Wallcovering – Rev B" for those specific situations where isopropanol is recommended as a spot cleaner. As with diluted bleach (no stronger than 10:1 bleach dilution), when using alcohol products, an inconspicuous spot should be chosen first for test cleaning.

<u>Disinfecting wipes / Quaternary Ammonium / Ammonium Chloride Cleaners</u>

As of this writing, disinfecting wipes, like Lysol and Clorox, have not been formally tested on Roysons printed wallcoverings. However, they are generally considered gentler than diluted bleach solutions.

As such, they may be used for spot cleaning using the same precautions set forth above for diluted bleach cleaning.

Solutions containing Quaternary Ammonium, like Virex 256 and Lysol Multi Surface Cleaner, may be used under the same restrictions governing diluted bleach and alcohol cleaners:

Follow manufacturer's instructions for dilution and use.

Select an inconspicuous spot for test cleaning.

Repeated long term usage of Quaternary Ammonium over the same area should be avoided, if possible.

Hydrogen Peroxide (<5%)

Solutions of Hydrogen Peroxide, less than 5%, may also be considered for spot cleaning. The same precautions must be observed when using hydrogen peroxide solutions.

Follow manufacturer's instructions for dilution and use.

Select an inconspicuous spot for test cleaning.

Repeated long term usage of Hydrogen Peroxide solutions over the same area should be avoided, if possible.

Other chemicals

Kerosene, naphtha, turpentine, should not be used for general cleaning or for repeated cleaning. However, they may be used for spot cleaning as dictated specifically detailed in "Care and Maintenance of Wallcovering – Rev B"

IMPORTANT NOTE: The results for the cleaners/disinfectants listed above does not imply a "warranty" or that the results are guaranteed. Customers should first determine if products are appropriate for use by testing a spot in an inconspicuous area as outlined above. After each application of these cleaners on the wallcovering surface, the surface must be wiped with clean water and dried with a clean towel to remove any chemical residue that could eventually discolor or degrade the material surface. Failure to follow the above dilution recommendations when using these types of cleaners/disinfectants or the failure to apply a clean water rinse after each application (and after the recommended contact time as recommended by the product mfr.) can expedite a product failure and will void any warranty claim.