



EchoPanel Cleaning & Handling Instructions

Centers for Disease Control and Prevention [CDC] (2020) recommend a combination of cleaning and disinfecting materials and surfaces in public spaces, including workplaces, schools, homes and business, as the most effective way to reduce the risk of exposure to COVID-19 as America reopens. Cleaning and disinfecting will remove the COVID-19 virus from surfaces. The following distinction can be made between cleaning and disinfecting:

Cleaning is the physical removal of germs, dirt and organic matter from surfaces.

Disinfecting is using chemicals to kill germs on surfaces.

It is important to clean before disinfecting because organic matter and dirt can inactivate the ability of disinfectants to kill germs.

EchoPanel® is generally used on wall and ceiling surfaces that can be deemed less frequently touched surfaces and routinely following the cleaning instructions below when divider, wall or ceiling surfaces are visibly dusty or soiled is considered adequate. Cleaning will reduce the soil load on the surface of EchoPanel®, allowing a disinfectant to work and kill the COVID-19 virus. CDC's (2020) recommendation is to maintain existing cleaning practices and schedule disinfection of minimally touched surfaces as appropriate.

Daily disinfection protocols should be prioritized for frequently touched surfaces (CDC, 2020).

Cleaning

Remove dust and dirt by dusting, vacuuming, or with a soft cloth or sponge and a solution of carpet or upholstery shampoo. Always use a soft, damp cloth and blot dry. Spot cleaner such as ZEP Commercial Instant Spot Remover has been used with success for some light soil situations. No guarantee is given for cleaning results with this product.

Regular Cleaning

- Vacuum regularly using low suction and smooth attachment.
- Professional cleaning recommended.
- Do not use dishwashing or laundry detergents, only use upholstery detergent.
- Allow to dry away from direct heat thoroughly before re-use.

Spot Cleaning

- Treat spills and stains as soon as possible.
- Avoid concentrated rubbing and use minimal pressure only.
- Gently scrape soil or mop liquid from the surface of the fabric, do not scrub.
- Apply proprietary cleaning agents strictly according to instructions to remove the residue of the spill.
- Dry cleaning solvent can be used for spot cleaning.
- Ensure adequate ventilation if the product is likely to be subject to excessive moisture.



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Disinfecting

CDC (2020) recommends the use of EPA registered household disinfectants, such as commonly used chlorine-based household bleach with active ingredient Sodium Hypochlorite or minimum 70% alcohol solution or wipes.

A variety of strengths of household bleach are available. The concentration of active ingredient can be found on the product label. Using a 1000ppm (0.1%) bleach solution is recommended. To achieve a 0.1% bleach solution using a household bleach with a concentration of 4.0% Chlorine, you would use 1 part bleach to 39 parts water or 1 cup bleach in standard 2.6 gallon bucket of water.

Note: Appropriate personal protective equipment (PPE), such as gloves and protective eye wear, should be worn when handling and preparing bleach solutions or disinfectants.

Preparation & Use of Bleach Solution

Bleach solutions should be made up daily using manufacturer's instructions for appropriate dilution and use. Using a disposable paper towel or cloth, wipe the cleaned surface of EchoPanel with bleach solution. Sufficient time is required to kill the virus, i.e., at least 10 minutes contact time.

Use of Alcohol Wipes

Using a disposable alcohol wipe (min 70% alcohol), wipe the cleaned surface of EchoPanel. Sufficient time is required to kill the virus, i.e., at least 10 minutes contact time.

Handling & Storage

Keep it clean! EchoPanel is an absorbent material and traps dirt, grime and debris just as well as it does sound. White glove handling is recommended for prep, processing and installation. Kirei is not responsible for mishandling on the job site.

Keep it flat! If cutting, drilling or mounting hardware on site, make sure that EchoPanel is evenly supported on a flat, clean surface. Improperly handled material can crease.

Storage areas should be clean, dry, cool, and well ventilated.

All EchoPanel products are inspected prior to shipment. Kirei is not responsible for damage in shipment or in storage; customers should carefully inspect all items at time of delivery and note any obvious damage on the delivery receipt. For the customer's protection subsequently discovered concealed damage must be reported immediately to the carrier. Claims to Kirei will not be considered if the sheet has been worked by the customer or others. No claims for labor charges will be allowed in any circumstances.



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To handle and store EchoPanel properly, follow these guidelines:

- Carefully inspect all material at time of delivery and note any obvious damage on the delivery receipt.
- Keep EchoPanel as clean as possible during storage. EchoPanel should be kept free from grease, wax, dust, and chips that could leave impression.
- Store EchoPanel indoors, in a dry, cool, well-ventilated area.
- Avoid exposure to heat 150°F (65°C) or greater.
- Keep table tops clean to avoid scratching.
- Inspect for defects, then recover for protection during fabrication.
- Wear clean white gloves when handling EchoPanel.
- **Do not** store EchoPanel near radiators, steam pipes, or in direct sunlight.

Resources

Centers for Disease Control and Prevention. (2020). Reopening America Guidance for Cleaning and Disinfecting Public Spaces, Workplaces, Businesses, Schools and Homes.

https://www.cdc.gov/coronavirus/2019-ncov/community/pdf/Reopening_America_Guidance.pdf

Cleaning and Disinfection information updated May 2020 in response to COVID-19.