

REFLECTIONS

Building Solutions

Spring 2020

Prepared exclusively for Building Solutions' clients and friends

COVID 19 Sanitizing (Part 2 of 2)

In part 2 of 2, we conclude our discussion of tools and resources concerning disinfecting and deep cleaning of facilities. This issue focuses on linens and clothing, PPE, and sanitizing.

Linens, Clothing, and Other Items That Go in the Laundry:

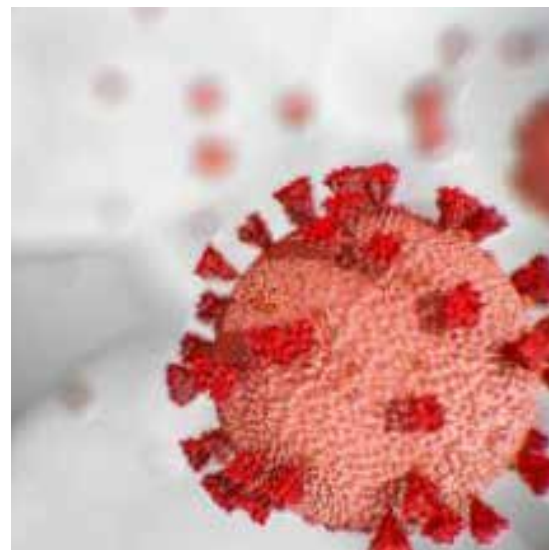
- Do not shake dirty laundry; this minimize the possibility of dispersing virus through the air.
- Wash items as appropriate in accordance with the manufacturer's instructions. If possible, launder items using the warmest appropriate water setting for the items and dry items completely. Dirty laundry that has been in contact with an ill person can be washed with other people's items.
- Clean and disinfect hampers or other carts for transporting laundry according to guidance above for hard or soft surfaces.

Personal Protective Equipment (PPE) and Hand Hygiene:

- Cleaning staff should wear disposable gloves and gowns for all tasks in the cleaning process, including handling trash.
 - Gloves and gowns should be compatible with the disinfectant products being used.
 - Additional PPE might be required based on the cleaning/disinfectant products being used and whether there is a risk of splash.
 - Gloves and gowns should be removed carefully to avoid contamination of the wearer and the surrounding area. Be sure to clean hands after removing gloves.
- Gloves should be removed after cleaning a room or area occupied by ill persons. Clean hands immediately after gloves are removed.
- Cleaning staff should immediately report breaches in PPE (e.g., tear in gloves) or any potential exposures to their supervisor.
- Cleaning staff and others should clean hands often, including immediately after removing gloves and after contact with an ill person, by washing hands with soap and water for 20 seconds. If soap and water are not available and hands are not visibly dirty, an alcohol-based hand sanitizer that contains 60%-95% alcohol may be used. However, if hands are visibly dirty, always wash hands with soap and water.
- Follow normal preventive actions while at work and home, including cleaning hands and avoiding touching eyes, nose, or mouth with unwashed hands.
 - Additional key times to clean hands include:
 - After blowing one's nose, coughing, or sneezing
 - After using the restroom
 - Before eating or preparing food
 - After contact with animals or pets
 - Before and after providing routine care for another person who needs assistance (e.g., a child)



This bulletin has been prepared for our clients and friends to whom we have sent it directly. The general information and opinions expressed here are based on our experience or come from sources we deem credible. This publication is offered as a service to a wide audience, using our best efforts to provide useful and relevant information, but should not be regarded as professional or legal guidance, applicable to the reader's specific situation.



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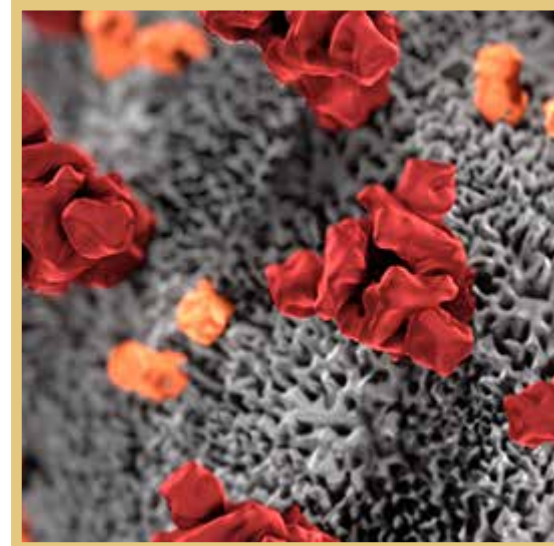
Additional Considerations for Employers:

- Employers should work with their local and state health departments to ensure appropriate local protocols and guidelines, such as updated/additional guidance for cleaning and disinfection, are followed, including for identification of new potential cases of COVID-19.
- Employers should educate staff and workers performing cleaning, laundry, and trash pick-up activities to recognize the symptoms of COVID-19 and provide instructions on what to do if they develop symptoms within 14 days after their last possible exposure to the virus. At a minimum, any staff should immediately notify their supervisor and the local health department if they develop symptoms of COVID-19. The health department will provide guidance on what actions need to be taken. When working with your local health department check their available hours.
- Employers should develop policies for worker protection and provide training to all cleaning staff on site prior to providing cleaning tasks. Training should include when to use PPE, what PPE is necessary, how to properly don (put on), use, and doff (take off) PPE, and how to properly dispose of PPE.

These considerations are just a part of the overall information provided by the CDC and I would recommend our clients review the information for updates as more information is learned about the Covid-19 Virus. The CDC's Website is: <https://www.osha.gov/SLTC/covid-19/>

Potential Sanitizing Equipment:

A number of our clients have been asking us about the Clorox Total 360 System – Electrostatic Sprayer. Electrostatic technology meets the various needs of the commonly touched and rarely disinfected buildingsolns.com surfaces and equipment. The product is utilized in Healthcare applications, but our research indicated that use in Educational Facilities would be appropriate. Additional information and related resources are available at cloroxpro.com/products/clorox/total-360.



The Clorox Total 360 Systems is described as a way of protecting your facility with a system that helps reduce pathogens. It pairs an electrostatic sprayer with Disinfectant Cleaner or Hard Surface Sanitizing Spray to deliver efficient coverage in a cost-effective manner. The system is noted to use 65% less solution and works up to 75% faster* and cover up to 18,000 square feet per hour. Information compiled suggests: Electrostatic technology enables superior coverage of trusted Clorox® solutions in hard- to-reach places – including the side, underside and backside of surfaces.

The Clorox Total 360 System Electrostatic Sprayer when used with Clorox® Total 360® Disinfectant Cleaner.

- Kills 99.9% of bacteria in 5 seconds
- 44 organism claims: Kills colds and flu viruses, MRSA and norovirus in 2 minutes or less
 - Please note that no information concerning Covid-19 is provided
- One-step disinfecting
- Eliminates odors
- Sanitizes soft surfaces

REFLECTIONS

(cont'd)

Building Solutions

9401 LBJ Freeway #410
Dallas, TX 75243
214.221.19145

buildingsolns.com/cleanslate

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- Inhibits the growth of mold and mildew for up to 7 days

When used with Clorox® Anywhere® Hard Surface Sanitizing Spray

- Kills 99.9% of bacteria on hard, nonporous surfaces**
- Sanitizes hard, nonporous surfaces in 1 minute
- Eliminates odors
- Sanitizes hard, nonporous food contact surfaces in 2 minutes
- Kills odor-causing bacteria

The cost of this system appears to be approximately \$6,000 for the initial purchase plus the cost of the sanitizing solution. Please note that no information has been obtained as to its effectiveness against the Covid-19 virus. It is noted on the Cloroxpro website that due to the COVID-19 outbreak, they have increased production of the Total 360® devices and Total 360® Disinfectant Cleaner¹. Orders for this equipment and disinfectant should be placed with a Cloroxpro distributor.

Distributors may be located by going to the following web page: cloroxpro.com/how-to-buy.

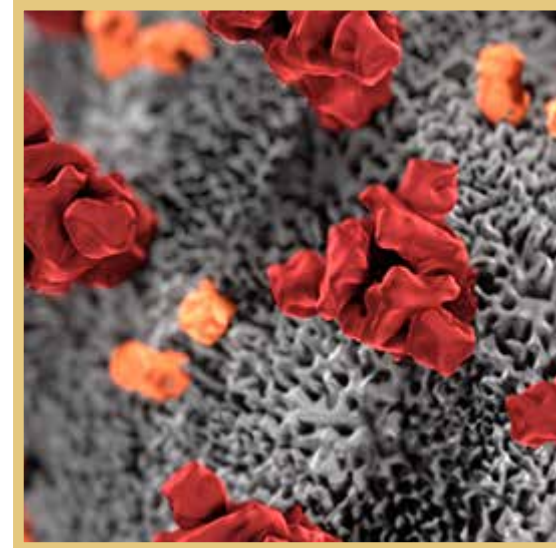
Select the facility type and submit local zip code.

This will give you the closest distributor the client and a point of contact for this system. Other systems may be added to this memo as additional information becomes available.

Conclusion

This system appears to be an effective means of sanitizing and disinfecting our client's facilities. However little information has been released on the effectiveness of this system or life span of the virus and its resistance, if any, to deep cleaning methods.

Everyone should review CDC recommendations on a regular basis and note updates and revised methodologies.



Stewart Hempel is Vice-President of Assessments at Building Solutions and a registered architect in Texas.

He has over 35 years of experience in architecture and interior design, with impressive credentials in administering major construction projects in commercial, institutional, and health care.