



Guide to Creating Healthy Environments: Surfaces

Reduce and/or Limit High-Touch Surfaces

Consider the Surface Type

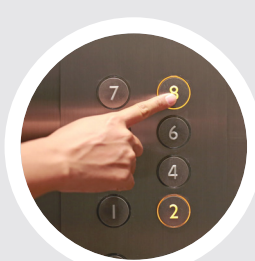
Clean & Disinfect Protocol

Guide to Creating Healthy Environments: Surfaces

Infection control can be addressed in several ways. Still, one of the fastest and most effective ways to limit the spread of germs is to reduce physical contact with surfaces and other commonly used objects. As you make decisions about the surfaces and materials used in your facility, evaluate the need for high-touch areas, and determine if you can install touchless solutions instead. When reducing or limiting such instances is not feasible, carefully consider the type of surface and opt for easy-to-disinfect materials.

The following is an overview of products and strategies to assist with the decision-making process.

Things we touch





FURNITURE

- Reduce seams/crevices
- Reduce use of fabrics
- Use [vinyl upholstery](#) products that are easy to wipe down/clean
- Reduce use of wood finishes
- Use metal or plastic finishes that are easy to wipe down/clean



DOORS AND CABINETRY

- [Copper infused](#) door handles, cabinet hardware, countertops
- [Stainless steel coatings](#) for door handles, cabinet hardware
- [Wave plates](#) for door entry or use of [personal phone device](#) for entry



TECHNOLOGY

- Automated [temperature check tablets](#) and [kiosks](#)
- [Keyboards](#) that are projected onto the work surface
- [Plastic laminate](#) that charges devices wirelessly
- Sensors activated by waving to control light switches
- [Touchless elevator buttons](#)
- [Radio Frequency Identification Systems \(RFIS\)](#) to know who touched what and when
- Increase use of voice command technology



RESTROOMS

- Zig zag entries to restrooms to eliminate need for doors
- Red lights on [sinks](#) that turn green after 20 seconds of hand washing
- [Fully touchless systems](#) for soap, towels, sink faucets
- Little to no countertop space to discourage setting down of objects
- [Offset sink drains](#) to avoid potentially infected splashes from drains



LIGHTING

- [U/V Disinfecting Lighting](#) - typical lighting provided during the day, U/V lights turned on at night (mobile units are also available)

**For additional information please contact our
Director of Healthcare Interiors:**

Necia E. Bonner, RID, NCIDQ, IIDA, CHID, LEED AP

neciab@kirtsey.com / 713 426 7404



Contact the following Kirksey leaders for more information on designing healthy, forward-thinking environments for your specific needs:

Workplace - [Randall Walker](#) / [Brian Malarkey](#)

Healthcare - [Necia Bonner](#) / [David McLemore](#)

Community/Religious - [Janis Brackett](#)

Government - [Benito Guerrier](#)

Collegiate - [Steve Durham](#)

pK-12 - [Nicola Springer](#)

Hospitality/Hotels/Multifamily - [Doug Hammel](#)

Science & Technology (Labs, Mission Critical, & Industrial) - [Brian Richard](#)

Commercial Buildings - [Paul Newsoroff](#) / [Scott Wilkinson](#)

Sustainability & Building Programs - [Colley Hodges](#)

Building Physics/Systems - [Kapil Upadhyaya](#)

Brand Integration/Graphics + Signage - [Melissa Schmitz](#)



Kirksey

ARCHITECTURE

Healthy Buildings, Healthy People, Healthy Planet

© Kirksey 2020

Visit [Kirksey.com/COVID-19](https://www.kirksey.com/COVID-19) for up-to-date information and resources