

# Guidelines for disinfecting surfaces

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## Disinfecting elevator, escalator and automatic building door surfaces

**This guideline is for owners, facility managers, and others responsible for disinfecting KONE equipment.**

In case of an epidemic, there may be a need to disinfect elevator buttons, elevator and escalator handrails, car walls, elevator doors, automatic building doors or other equipment surfaces to stop a virus or bacteria from spreading.

For an epidemic at hand follow the recommendations from the public health, disease control center or other applicable authority such as World Health Organization when selecting suitable disinfectants.

Always adhere to the applicable authority instructions for disinfection preparation, assessing the risk level, required personal protective equipment, disinfection steps and the handling of disinfection and personal protective equipment after use.

Follow the safety data sheets of the disinfectants used. Ensure adequate ventilation during disinfection. Keep elevator doors open. Make sure there are no ignition sources (e.g. cigarettes) nearby when using volatile or highly flammable disinfectants.

The durability of KONE materials has been tested with standard cleaning solvents. To avoid damaging the equipment surface, it is important to pay attention when using disinfectants. Ensure that the disinfectant is appropriate and the amount of disinfectant is correct. Ethanol up to 75% can be used on the stainless steel without damaging the surface.

Ultra violet light can be used as a disinfectant, but the material compatibility, efficiency against the epidemic and application method needs to be confirmed.

### **Important to note**

- When using a new cleaning agent, always test it first on a small, nonvisible area. Chemicals react with a delay, so the visibility of the damage may be delayed, depending on the site environment (heat, humidity, etc.).
- Do not spray a cleaning solvent directly onto a surface as it may leave marks on the surface. The solvent may also get inside the device buttons, thus damaging the electronics. Spraying can also cause splashes which can spread the virus and bacteria.
- Do not use acids, chloride-containing agents (such as hydrochloric acid) or hypochlorite bleaches. They cause permanent damage to stainless steel surfaces.
- Never use mineral spirits, paint thinners, strippers or any petroleum based products on plastic parts (e.g. elevator buttons or displays).

For general instructions on cleaning, refer to KONE's Owner's Manual OM-01.01.006.



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