

Universal PROTECT



Description:

Universal PROTECT is a water based ecologically sound, single component, invisible coating that forms a long lasting, hygienic barrier on everyday surfaces with a safe, flexible quartz glass layer. The treated surface becomes resistant to bacteria, mould and mildew, offers water and oil repellence and allows the easy removal of soils and staining, food waste liquids, etc.

Universal PROTECT-AM is developed for use in healthcare, clinics, food manufacturing and any industry that must control pathogens that can cause illness and maintain clean surfaces. Treated surfaces need only be cleaned with water or mild cleaners.

Surface of Application:

Surfaces including stainless steel, plastic laminates, plastic composites, flooring, walls, textiles (bed curtains, bedding, mattresses, etc.), countertops, wood surfaces, and many others.

Directions for Use:

Surface must be dry and free of all soil, dirt, oils, and sealers. Test surface in an inconspicuous area before application. Application may be done by use of spray equipment, hand pump sprayer, HVLP, airless sprayer, brush or roller.

For smaller volumes, spray **Universal PROTECT** onto substrate and ensure product is evenly wiped onto all designated areas.

Surface may be buffed in a circular motion to remove any streaking. If streaking persists, dampen cloth slightly with product and buff in circular motion.

Curing Time:

Universal PROTECT stabilizes in minutes after application and may experience light use. 24 hours is needed for full cure.

Coverage:

Coverage of **Universal PROTECT** depends on the surface absorbency and application technique and varies from 50-100 ml/m².

Surface Maintenance:

The treated surface needs only to be cleaned with a cloth and warm water. Mild cleaners such as vinegar may be used in the event of stubborn soils.

Universal PROTECT (continued)

Product Features:

Invisible, food safe & skin friendly, easy cleaning, long lasting & durable, unaltered surface breath-ability, environmentally friendly, flexible, soil and dirt rejecting, hydrophobic, oleophobic, inert.

Resistant To:

Water, oil, soil & stains, bacteria & other microbes, mold & algae, ultraviolet (uv) rays, acid and alkaline, abrasion, hydrolysis, high temperatures.

Ingredients:

SiO₂ dissolved in water.

Precaution:

The use of latex gloves is recommended as the product may dry the skin. Avoid inhalation.

Handling:

Refer to MSDS sheet.

Containers:

Size of containers on demand.

Shelf Life:

1 year for an unopened original container. Opened product should be used as soon as possible. Keep in a cool dry place.

The information on this data sheet is based on the current status of technical development as well as our experience with the product. However, the information provided on this data sheet shall in no way diminish the responsibility of the user to ensure with due care that our product is suited for the intended purpose, surface and application conditions. Note in particular, that we accept no liability in cases where we have not explicitly stated application purposes and types of use.

March 2020