

Plastic PROTECT-W



Description:

Plastic PROTECT-W is a non-toxic, ecologically sound, water based, ready-to-use, single component, molecular coating that forms a quartz glass silicon dioxide barrier on thermoplastic and thermosetting polymer substrates. Treated surfaces are resistant to staining, soil, aqueous liquids, solvents, oils and fats, mould and mildew, bacteria, and become easy to clean.

Surface of Application:

Most plastic surfaces will benefit from treatment. These include polycarbonate, PMMA, PET polyesters and PLA.

Directions for Use:

Surface must be dry and free of all soil, dirt, oils, and sealers. Fold a microfiber or cotton cloth multiple times and apply **Plastic PROTECT-W** directly to an edge of the folded material. Wet the edge sparingly and wipe surface in one motion from top down, across the complete surface until completely coated. Immediately follow same steps but in a left to right direction. If during the application the cloth feels dry on the surface, add more **Plastic PROTECT-W**. Polish surface in a circular motion. If streaking appears, dampen cloth slightly with **Plastic PROTECT-W** and buff in circular motion until streaking disappears. Apply at temperatures of 5C/41 F – 30C/86F.

Curing Time:

Plastic PROTECT-W stabilizes in minutes after application and may experience light use. Curing is complete after 24 hours at the ambient temperature of 20 C, 70 F. Drying may take longer at lower temperatures.

Coverage:

Coverage of **Plastic PROTECT-W** depends on the surface absorbency and application technique and varies from 10-25 ml/m².

Surface Maintenance:

The treated surface needs only to be cleaned with a cloth and warm water. Mild cleaners such as vinegar or dish detergent may be used for stubborn soiling. Ensure the removal of all soap residues of cleaned surfaces by rinsing with water.

Plastic PROTECT-W (continued)

Product Features:

Invisible, skin friendly, easy cleaning, dirt repelling, water cleaning (minimal cleaners needed), long lasting & durable, short drying period, environmentally friendly.

Resistant To:

Water, humidity and oil, soil & stains, microbes, mold, algae, mildew, 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.

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