

Peelable Coating for Temporary Glass Protection

Product Description

GOOP ECO² is a Water-based acrylic co-polymer emulsion coating in the form of a viscous Turquoise Green liquid with a slight ammonia odor which dries to a transparent green film as Short Term Temporary Protection for Glass.

GOOP ECO² is manufactured under stringent quality control procedures using the latest testing method.

GOOP ECO² protects glass surfaces from dirt, paint and light scratches, When done, Just Peel or Jet Spray it Off.

GOOP ECO² leaves a clean and shining surface.

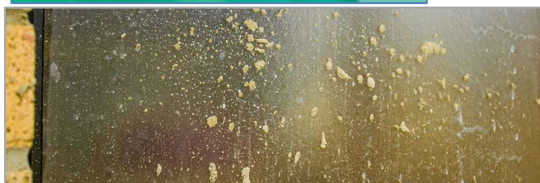
GOOP ECO² contains no corrosive additives, and is found to be compatible with most types of glass tested, including Low-Emissivity, Hard and Soft- Coated Glass.

Benefits

- Simple & Fast Application



- Excellent UV / Weather Resistance
- Ease of Flexibility & Removal assured up to 50°C
- Self-Cleaning Additive, Non- Staining on Glass
- Non- Toxic, Environmentally Friendly, Degradable
- Excellent Protection against Light Scratches, Dirt, Paint & Foreign Debris



Typical Physical Properties

| Property | Value | Test Method |
|---|---|---|
| Consistency | Thixotropic Paste | |
| Base Material | Water-based Acrylic Co-Polymer | N/A |
| Non Volatile by Mass (Solids) | 35 – 40 % | AS1580 301.1 |
| Viscosity | 3000 – 5000 cps | AS1580 214.1 AS1580 214.3 |
| Density | 1.0 – 1.03 +/- 0.03 kg/ Liter | AS1580 202.1/ 202.2 |
| Clean-up | Water | |
| pH Value | 6 – 8 | |
| Drying Time | For 100 µm at 25°C: 20 to 60 min For 150 µm at 25°C: 30 to 80 min For 200 µm at 25°C: 40 to 100 min | |
| Application Temperature | 5 to 35 °C | Relative Humidity <85%. Avoid application when rain is imminent. |
| Service Temperature | Up to 50 °C | |
| Removal Temperature Range | 15 to 40 °C [Water to aid release] | |
| In Cold Temperatures: | Use Warm Water to aid Release | |
| In Extreme Heat: | Use Cold Tap Water to aid Release | |
| Weathering | Excellent | ISO 17025 SAE J1960 SAE J1976 |
| Maximum External Exposure [Wet Film Thickness] | For 100 µm: 3 - 4 Months For 150 µm: 4 - 6 Months For 250 µm: ≤12 Months For 350 µm: Up to 24 Months | Based on exposure data in average conditions. In extreme environment conditions, life may be reduced. |
| Appearance | Uncured: Turquoise Green Cured: Translucent Green | |
| Flammability | Non- Flammable No Flash Point | ASTM D93-16a |

Installation Recommendations

For ease of removal and protection of the underlying substrate we recommend a minimum Wet film thickness of 200µm (micron). Due to the highly thixotropic nature of this product and high viscosity this is easily achieved by even roller application of a single coat. A higher film thickness is recommended for exceptionally long service life or unusually abrasive or aggressive conditions, although this is not normally required.

Many glass protection solutions often leave a mark or residue when you peel or scrape off the coating from the window. Because **Goop Eco2** contains cleaning products, this helps keep the substrate/s it is protecting totally clean during the construction phase. This means no unsightly, hard-to-remove residue when peeled off from windows at the completion of a project.

It is recommended that **GOOP ECO²** to be applied when rain is not imminent to ensure that water does not get trapped behind the film for any length of time. Glass panels should not be flat stacked as water is the release agent for **GOOP ECO²**. It will soak through the dried film, and may cause **GOOP ECO²** film to lift off the glass, hence, Coated Glass Panels to be stacked in an inclined or vertical position.

GOOP ECO² may appear Green when soaked, it will dry back to its original appearance with crackly appearance due to its thermal expansion. The longer **GOOP ECO²** allows to cure, the better it performs when waterlogged.

When applying **GOOP ECO²** to aluminum joinery components or horizontal substrates such as benchtops, it is recommended that a minimum Wet film thickness of >300µm (micron) is applied.

Packing

20kg Pail

Applications

GOOP ECO² is formulated for the temporary protection of most non- porous surfaces during the construction phase to help eliminate damage to expensive surfaces & reduce the cleaning process.

Recommended substrates for application:

Clean-tinted, Float, Low-E, and Hard-Coated Glass types.
Maybe used for Powder coated & Anodized aluminum joinery.
May be suitable for some other non porous surfaces, however, they should be tested, prior to full application.

Not suitable for Acrylic Sheet or Perspex.

Shelf Life & Storage

12 Months from Date of Production, when stored accordingly in its original unopened container. Store in dry conditions at temperature between 5°C and 50°C. For Opened & Sealed container, its shelf life is < 9 Months.

Product Handling and Safety

Customers considering the use of this product may review the latest safety data sheet and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. See Distributor.

Disposal

Refer to the latest safety data sheet for the disposal methods.