

## Clear Universal Protector Coating

This clear-coat Universal Protector is recommended for indoor surfaces that need to be constantly monitored or that must be displayed, since it allows users to check color, texture and finish. It is ideal to protect countertops, furniture, mirrors, and wood surfaces, among others.



### Uses:

Ideal to protect indoor surfaces and objects that need to be constantly monitored or displayed.

### Application surfaces:

- Glass
- Plaster
- Brick
- Kitchen countertops
- Wood
- Flooring
- Metals

### Advantages and benefits:

- Prevents repairs and maintenance of protected surfaces.
- Reduces project delivery time and cost.
- Avoids acid stains and minimizes scratches.
- Protects the environment and people's health.
- Low VOC.

This product is made using **Glasstomer®**, a material developed by **Glasst Innovation Company S.A.S.**

## Technical Specifications:

Property	Value	Unit
Consistency	Liquid	-
Color	White	-
Dilution	Ready to use	-
Drying between coats	5 - 10	Minutes
Dry to touch	1	Hours
Final drying	24	Hours
Density	3,5 ± 0,02	Kg / Gal
Viscosity	3.2 ± 0,5	KU
Volatile Organic Compound (VOC) Content ***	≤ 11,3	g/L
%VOC ***	≤ 1,1%	% g/L

- The methods used to evaluate the properties recorded in this data sheet are defined based on standard norms. If you need to consult them, please contact Glasst's quality department.
  - The values shown are typical of the product and may present variations. On-site performance will depend on application methods and job site conditions.
- \*\*\*VOC levels are classified according to The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012.

## Application tools:

- Airless equipment
- HVLP spraying equipment\*

\*Set the pressure control device to the desired application level. GLASST recommends 2000psi + 515 tip for proper application.

## Presentation:

Packaging	Kg	Gal
Pail	20	5,3

## Coverage:

One pail has an approximate coverage of 1200 ft<sup>2</sup> at 10 mils thickness and 600 ft<sup>2</sup> at 20 mils.

- May vary depending on surface roughness, application method and/or tool.
- For indoors, it is recommended to apply a 10mils (260ft<sup>2</sup>/Gal Coverage), 20mil thickness and in outdoors surfaces (130ft<sup>2</sup>/Gal coverage).

## Instrucciones de uso y aplicación

### 1. Surface preparation:

The surface must be clean, dry, free of grease and dust to ensure proper product adhesion. Cover or mask off surfaces where the Protector is not to be applied, such as glass doors and windows.

### 2. Product preparation:

The product comes ready to use and does not require dilution. Before use, incorporate the product with a clean stirrer. In case there are lumps or creams, filter the product to avoid spraying-equipment obstruction.

### 3. Product application:

Before applying, verify that the equipment is clean and its internal ducts are not obstructed, otherwise wash them with soapy water.

Fill the spraying equipment tank and proceed to apply directly on the surface, to apply the equipment must be 15 to 20 cm away from the surface.

Apply moving synchronously, making sure that the amount of product applied is uniform and to cover the surface completely.

For adequate performance, indoor apply one coat and outdoor apply two coats allowing 5 to 10 minutes for each coat to dry time.

### 4. Removal after use:

After the protection time of the surface is completed, it is recommended to remove the product manually. It is not necessary to use blades, scalpels or spatulas that can damage surfaces.

- *To see the proper way to use and apply of the product go to the Universal Protector Brochure.*
- *The product should not be applied on textile materials such as window mats. Therefore, they should be covered with masking tape beforehand.*

## Stability and storage of the product:

The stability of the product in an original closed container is 12 months from the date of manufacture. It should be stored in a dry place, protected from the sun and without sudden temperature changes.

For stowage and storage, take into account:

Presentation	Max. Number of Layers Per Pallet
Pail	3

- The maximum pallet stacking level is 1.
- Plastic containers cannot withstand falls from heights greater than their stowage, that is, approximately 39 ft.
- Keep the container tightly covered when the product is not in use. Store the product in the original closed container, in a dry place indoors, away from heat sources.

# Technical Sheet

## Health and safety recommendations:



The product does not contain any chemicals known to the State of California under Proposition 65 to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

- Avoid excessive product application.
- If there is any diluted product separation, shake vigorously before use.
- Keep out of reach of children.
- Keep away from heat, flame and sources of ignition.
- Always wear appropriate personal protective equipment when handling the product: goggles, rubber gloves and long sleeves.
- Do not eat, drink or smoke while handling the product.
- Protect the product by keeping it covered in its original container without any strange elements.

## Safety information:

For information and recommendations on transportation, handling, storage and disposal of chemicals, please refer to the SDS.

## Legal Notes:

All information contained in this data sheet is provided in good faith, based on Glasst's current knowledge and experience with products that have been properly stored, handled and applied under normal conditions in accordance with Glasst's recommendations. It does not constitute an express or implied warranty as to the performance of the product because conditions of use, surface preparation, application and storage are beyond our control. Using this product in applications and/or conditions different from those expressed in this technical data sheet is at the risk of the purchaser, applicator and/or user.

Glasst Innovation Company S.A.S. reserves the right to modify this technical literature without prior notice, without any product quality reduction. For other uses, advice or information, it is recommended to consult previously with the technical service department. The guarantee of results depends on the specific application conditions.