

GLASSHIELD



Glass surface protector



■ PROPERTIES

Transparent nanotechnology suspension, suitable for the protection of glass surfaces. Apply it to create an invisible protective film that limits the deposit of air pollutants and dust onto surface pores. Its use makes surfaces easier to clean, using only water, without scrubbing, and without using cleaning products or chemicals.

Durable against ultraviolet radiation (UV), permanent moisture and frost.

■ ADVANTAGES

Increases the permeability/visibility of glass and makes the glass or acrylic surfaces:

- Self-cleaning
- Superhydrophilic
- Antistatic
- Anti-reflective.

■ APPLICATIONS

DUROSTICK's GLASSHIELD is applied quickly and easily on:

All glass surfaces of cars (windshields, rear glass, side windows and mirrors), **trucks, boats, helicopters.**

Improves visibility and facilitates the cleaning of insects, pollutants, and ice. Reduces the use of windshield wipers and windshield washer fluid.

Photovoltaic modules, solar water heaters: Its application increases collectors' performance. The collectors' glass surfaces remain clean, free from dirt and dust that otherwise limit their performance.

Storefront displays, glass facades, glass awnings, balconies, outdoor glass surfaces, but also for household use in windows, balcony doors and showers: The products' application maintains or even improves clarity and transparency. Its use reduces the accumulation of pollutants, salts and stains. Exterior surfaces protected with GLASSHIELD are rinsed with the help of rainwater or they can be easily cleaned with water under pressure (garden hose). If for some reason water cannot be used, the treated surfaces can also be cleaned with a soaked, clean microfiber cloth. The result of their protection is the reduced frequency and cost of cleaning, but

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also their improved exterior image. Ideal for application to seaside areas and areas with 'hard' water, but also for difficult-to-access surfaces.

■ USE

1. Application preparation

Before applying the product, clean the surface thoroughly and rinse with plenty of water. Allow for the surface to dry and wipe it with a clean, lintfree cloth. Applying the product should be done immediately after cleaning, preferably under shade, without rain or wind, to prevent dust from stick-ing to the treated surfaces.

2. Application

If there are minor scratches on the surface treat them by spot applying it and allow for the product to dry before applying it to the entire surface. Then, spray the surface.

Use a microfiber or lint-free cloth to spread the product with circular movements (similar application with any common glass cleaner). Continue until the product is fully absorbed without leaving any residues.

For large surfaces and to save product and also time, it is recommended to use a low-pressure, HVLP spray gun. The same procedure, as described above, is followed in order to distribute the product evenly.

■ NOTES

- The application equipment must be clean and free from any residues from previous use.
- Spray as much product as you can work immediately onto the surface.
- Mix well before each use, as well as during the application.
- The product achieves its full properties 24 hours after its application.
- Using common glass cleaners will not affect the performance of the cured product..

■ CLEANING

Clean all tools with water, immediately after use, and if necessary with soap or detergent solution.

■ CONSUMPTION

1lt is enough for the protection of 30-40m², depending on the application method.

■ STORAGE

Store in cool places protected from frost, for 12 months from production date.

■ SAFETY DIRECTIONS

The product needs no hazard labeling, based on current European and national legislation. However, it is recommended to keep away from the reach of children. If swallowed, seek medical advice and show the container or label.

■ PACKAGING

Carton box with 12 pcs of 500ml each one 3.5lt container

TECHNICAL SPECIFICATIONS

■ Form - Color	Polymer dispersions - Transparent
■ Density	0.99±0.05kg/lt
■ Application temperature	From +5°C to +35°C
■ pH	9.5±1.5
■ Dilution rate	A ready for use product. Do not dilute.
■ Protection period	6 months and up to one (1) year, under normal conditions
■ Drying time	3-5 seconds (23°C and 50% R.H.)

V.O.C. (Volatile Organic Compounds):

Limit value for maximum content of V.O.C per EU (Directive 2004/42/CE) for this product (category A/i: 'One-coat Special Coatings', Type WB): 140gr/lt (2010). The ready to use product contains maximum 50gr/lt V.O.C.

DUROSTICK S.A.,

MANUFACTURING OF ADHESIVES,
PAINTS & MORTARS

ATHENS: ASPROPYRGOS, ATTICA, GR: 193 00,
Tel: +30 211 60 03 500-599, +30 210 55 16 500,
+30 210 55 98 350, Fax: +30 210 55 99 612

THESSALONIKI: INDUSTRIAL PARK-SINDOS, S.B. 44,
STREET, DA 10, GR: 570 22,
Tel: +30 2310 795 797, +30 2310 797 365,
Fax: +30 2310 797 367

Email: info@durostick.com

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