



BalcoNano® Glass Coating information page for customers

Keep out of reach of children - Please read instructions and hazard information on the sachet package
Store in a well-ventilated area

Application instructions (It is important to read carefully the instructions and follow them to correctly achieve a desirable result)

One sachet set is suitable for application to one side of approximately one square meter (equivalent to appx 11 square feet)

- 1) In a well-ventilated area clean well the surface you wish to coat with water to remove dust, smudges, etc. – the cleaner the surface you start with the better the coating will be
- 2) Dry the surface with a paper cloth.
- 3) Using gloves open sachet No 1 “cleaner” and take out the impregnate cloth
- 4) Wet the surface with the “cleaner” cloth and polish until the surface is completely dry
- 5) Using gloves sachet No 2 “coating” and take out the impregnate cloth
- 6) Wet the surface with the “coating” cloth and polish until the surface is completely dry and free of streaks

Please avoid surface contact with water within 10min after coating process

Streak residues can be removed through polishing with a dry cloth

Do not use at ambient temperature above 50°C and below 5°C

Do not use at high air humidity (e.g. foggy, rainy)

IMPORTANT INFORMATION! Never use harsh cleaners or chemicals on your treated/coated surfaces as it may damage the coating and the underlying surface.

How does the coating work?

Look into a microscope and you would see that any silica based surface including standard glass actually has a pitted surface to which water, grime, dust, lime scale and soap scum can cling, building up with everyday weather and environmental elements. The glass will then require regular scrubbing to keep them clear, clean and hygienic. Inspired by nature BalcoNano® forms an invisible, hard and microscopically smooth shield to prevent this build up and protects the surface. The hydrophobic (water repellent) properties of the coating cause water to run off freely, washing away residue and dirt as it goes.

Good for you, better for the environment

This coating is truly eco-friendly. In a manner of speaking, water and rain does the cleaning for you, so it's more hygienic with fewer bacteria there's less need for harsh chemical cleaners – which is kind to the environment and to your pocket. While BalcoNano® dramatically reduce the cleaning requirements of treated surfaces, just like high quality Teflon®-coated cooking pans, cleaning and maintenance is required to ensure on-going performance. Following the maintenance tips below will ensure many years of satisfaction.

What care and maintenance does the coating require?

Maintenance and care vary substantially according to the type of application (treated surface type and location/exposure) and the abrasion which the treated material is exposed to. Abrasion means any mechanical (such as windshield wiper on an automobile) or non-mechanical force (such as wind or dust) affecting the treated product. Thus, an exterior architectural glass structure exposed to all kinds of weather conditions will require much different maintenance and care than an interior application. While our coating does make treated surfaces water repellent, among other properties, and lasts for a long period of time (years in most cases), maintenance time is guaranteed to be reduced, depending on the application, by as much as 50% and up to 90% AND eliminates the need for any harsh, expensive and toxic chemical cleaning sprays.

Maintenance and cleaning guidelines for coated glass surfaces.

Cleaning method: Wet the surface and use a nylon sponge to wipe it down, rubbing in a circular motion. You should feel any 'sticky' places become smooth again. Then rinse or spray the surface with clean water, let the water drain off and wipe dry.

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Technical and material data can be viewed online:

Material Safety Data Sheet (MSDS) for the coating: <http://www.balconette.co.uk/Self-Cleaning-Glass/MSDS-BalcoNano-Coating.pdf>

Material Safety Data Sheet (MSDS) for the cleaner: <http://www.balconette.co.uk/Self-Cleaning-Glass/MSDS-BalcoNano-Cleaner.pdf>

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