

Ultra-thin Nanotechnology glass treatment

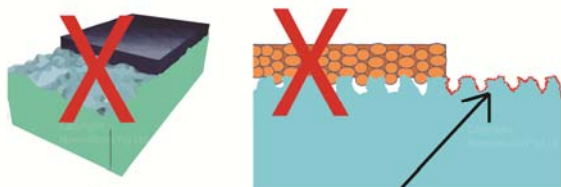
DESCRIPTION

NG 1010 is a special nanotechnology product with a long-term hydrophobic effect on glass surfaces.

The hydrophobic product works by repelling water- and prevents adhesion of foreign matter on the surface. (**Easy to Clean effect**). A ultra-thin and invisible coating forms on the glass surface. As a result, dirt particles cannot penetrate the matrix of the surface.

Water runs off easily from the treated surface and dirt and dust are washed off by rain or when rinsed with water. Alternatively, a hose can be used to clean the glass when there is little or no rainfall.

Unlike traditional glass coatings that cover the surface structure of the glass, creating a thin layer of non-stick chemicals, the Nanovations glass treatment follows the contours of the glass surface right down to the nanometer level.



Old technology

Nanovations Nanotechnology

NG 1010 protects the glass surfaces against permanent stubborn stains from calcium and salt. The coating is long-lasting. **NG 1010** is UV and change temperature steady. It cannot be removed by water, window cleaning tools, normal window cleaner, brushes or with high pressure equipment. Surfaces treated with **NG 1010** are very simple to maintain.

NG 1010 is recommended for:

- Windows and sky lights
- Kitchen splash backs
- Glass facades
- shower screens
- Pool fences
- Balustrades

FEATURES & BENEFITS

- Economical and long lasting
- Excellent protection for new and old surfaces.
- Water and dirt repellent
- Hard coating
- Inorganic , UV resistant
- True Nanoscale thin film
- Excellent abrasion resistance
- Easy to clean/self cleaning effect
- Up to 10 years durability
- Preferred choice of professionals worldwide

SPECIFICATIONS

Supply form	Liquid
Colour	clear
Density	Approx 0.8
Solvents	< Alcohol; denatured
Flashpoint	21°C
Storage temperature	Not below 4°C /39°F
Application temperature	4 to 35 °C / 39 to 86°F

SURFACE PREPARATION

The substrate must be completely dry before the application of the NG 1010.

Proper surface preparation insures maximum performance and durability. Surfaces must be dry and free from dirt, grit, dust, grease etc. Use CL 40 cleaner or the CL 50 surface preparation. If the glass shows contaminations that require additional cleaning processes, the CL 50 should be applied as a last step.

APPLICATION (Manual Application)

It is most important that there is no water on the surface or on window frames and shower frames prior the coating application.. Wipe these areas dry first.

Ensure the surface is free of any previous residue of the cleaner.

DO NOT use the same cloth as used for cleaning, for the coating application. Use a dry soft and clean cotton towel, micro fibre cloth or a lint free strong paper towel.

The application takes place in a processing step, whereby the coating is applied by a spray and wipe method.. Apply a small amount and polish in the wet treatment with a circular overlapping polishing motion, treating section by section. Spray the next area and repeat the process. Ensure the whole surface gets treated.

Alternatively, the treatment can be sprayed onto the towel or a cloth and polished into the glass in the same manner. Treat only small sections at a time and ensure the whole surface is treated evenly. Check the treated area for any streaks, residue or product splashes and wipe them off.

The glass should be crystal clear when finished. Only a very small amount of treatment is required. 2.5 - 3 ml will treat a square metre of glass.

Visible residue during the application is a sign of too much product has been used. In that case, moist a cloth with the product and remove excess material until the glass is clear. For application with machines or automated glass coating devices contact Nanovations.



Download Application Video
with the QR code.

NG 1010 glass coating



CURING

NG 1010 is water-resistant 15 - 30-minutes after application, reaching its optimal repellent effect within 12-24 hours.

The curing is a self assembling process and not a drying process.

CONSUMPTION

Consumption is between 2.5 ml and 3 ml a square metre depending on the conditions of the substrates and the age of the glass.

300- 400 square meter per litre (3000– 4000 sq. ft.)

Consumption rates are guidelines only.

CLEANING

Tools should be cleaned with clean water after use.

PACKAGING

250 ml kits including surface prep and application tools.

1 litre / 20 litre drums, larger containers on order for professional and commercial applications.

STORAGE

NG 1010 can be stored in the original sealed packaging for at least 24 months. Storage conditions should be dry and cool.

Storage and handling and additional information, refer to the Material Safety Data Sheet.

PRECAUTIONS

READ ALL SAFETY DIRECTIONS AND WARNINGS ON PACKAGING BEFORE USE. REFER TO MATERIAL SAFETY DATA SHEET FOR HANDLING PROCEDURES.

NG 1010 contains flammable denatured alcohol. Provide adequate ventilation if applying in a confined area. Keep away from sources of ignition and flames. Adequate protective personal equipment should be used. Please read the Material Safety Data Sheet.

The information, and, in particular, the recommendations relating to the application and end-use of the products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Technical information and services are freely available from the Web site www.nanovations.com.au

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