Application Technique for Nanoman Glass & Ceramic

CONGRATULATIONS on taking the first step in reducing your cleaning time and costs as well as ensuring that surfaces are protected and look their best. Please follow these simple instructions to ensure you maximize the performance of NANOMAN Glass & Ceramic.

NANOMAN Glass & Ceramic is recommended for all types of glass and ceramic surfaces including: Baths and Shower Units, Wash Basins, Toilets, Ceramic Tiles, External Windows, Poolside glass, Kitchen Splash backs and much more...

Pre Cleaning:
To ensure maximum performance, it is important to ensure that the surface is completely clean prior to application. We recommend the use of NANOMAN Pre Cleaner to remove grease, dirt and other staining. However if the surface is particularly stained, a stronger cleaner is recommended prior to the use of the pre cleaner. NANOMAN Pre Cleaner or Methylated Spirits should be used as a final step to rid the surface of any residues and will ensure the surface is dry prior to application. Do not use an abrasive cloth, which may result in scratching the surface.

Application:
1. Spray on a small amount of NANOMAN Glass & Ceramic across a small area.
2. Using a clean microfiber cloth, pad or cotton towel, rub the coating over the surface area using a circular motion.
3. Repeat this technique across the entire surface, ensuring that the whole surface area is covered evenly.
4. If covering a large area, eg poolside glass, a slow rotation polisher may be used.
5. Use sparingly – you only require about 5-10ml per m².
6. Allow to dry for 30-60 minutes at room temperature (more time is required in high humidity).
7. After drying, use a different dry microfiber cloth to polish and remove any remaining residues. NANOMAN pre cleaner may be used here to clean the surface properly and strengthen the durability of the Nanoman coating.

Curing:
The surface should be kept dry for 30-60 minutes after application although it is water resistant immediately. It will reach its optimal performance after 24 hours.

Cleaning/Maintenance of Coated Surface:
With NANOMAN Glass & Ceramic applied, there is no need to use expensive and environmentally unfriendly cleaners and detergents. To maintain the hydrophobic effect, simply wash with fresh water and wipe down using a soft towel after use. It is recommended that you occasionally use either NANOMAN Pre Cleaner or another non-aggressive cleaner to wipe down the treated surfaces to keep surfaces looking their best. Do not use paper towels or abrasive cloths that are likely to scratch the surface.

IMPORTANT:
1. The wearing of gloves is recommended.
2. Please ensure the area being treated is well ventilated.
3. Do not expose to naked flame and do not apply or store in direct sunlight.
4. Store in its sealed container and keep away from children.
5. In the event of eye contact, wash out immediately with water.
6. Do not swallow. Seek medical advice if necessary.

For further advice and to view other products in the NANOMAN range, please visit us at www.nanoman.com.au.
FAQ’s

1. How does Nanoman Glass & Ceramic work?
   Nanoman sealants contain specifically modified functional nanoparticles that self assemble and produce a two-dimensional net matrix on the surface that becomes both hydrophobic (water repellent) and anti-stick. Water simply beads and rolls off the coated surface taking dirt and other impurities with it.

2. Will Nanoman harm my surfaces?
   Definitely not. In fact Nanoman products create a protective barrier that will actually strengthen the surface. This barrier is only 50-60 nanometers thick, which is invisible to the human eye. Nanoman is UV resistant, anti-corrosive and has a high resistance to scratches and abrasions.

3. What is the durability of Nanoman Glass & Ceramic?
   This will depend on the condition of the treated surface, however generally the coating will last for 3 to 5 years but will vary depending upon environmental factors.

4. Is the sealant biologically safe?
   Nano sealants have been tested by an independent institute and were designated biologically safe, non allergenic and ecologically beneficial. Notwithstanding this, we recommend the wearing of gloves and that the work area be sufficiently ventilated. Nanoman Glass & Ceramic should not be ingested and in the event of eye contact, washed out immediately in warm water.

5. Does temperature affect Nanoman Glass & Ceramic?
   Nanoman is stable at varying temperatures but is best applied at temperatures above 4° Celsius. Recommended curing times will increase with increased humidity. Nanoman should be stored in a sealed container, away from light, ideally within the temperature range +5° to +25° degrees Celsius. The treated surface will be frost and temperature resistant.

6. How can I seal large surfaces – by hand or by using a sprayer
   It doesn’t matter which way the sealant is applied. Around the house the best thing to use is a sprayer and then rubbed in with a micro fibre cloth. For larger outdoor areas, a mechanical sprayer can be used to apply the product and then either rubbed in by hand or by using a low speed mechanical polisher.

7. Can I apply Nanoman products on surfaces that have been sealed with other products?
   Yes, but the surfaces should be pre-cleaned thoroughly using either Nanoman Pre-Cleaner or Methylated Spirits. The surface to be treated has to be clean, completely dry and grease free prior to any application of Nanoman sealants.

8. How do I clean surfaces treated with Nanoman Glass & Ceramic?
   Nanoman products are designed to cut your cleaning time significantly and eliminate the need to use aggressive cleaners that are harmful to our environment. We recommend cleaning only with water and wipe down with a soft cloth or towel. Occasionally, you may have to use a mild/neutral cleaner to remove the occasional stubborn mark to keep your surface looking like new.

9. How long does it take for the coatings to set?
   Nanoman Glass & Ceramic requires 30 – 60 minutes to cure during which time the surface should remain completely dry and untouched. In more humid conditions, curing time will be longer. After curing, the coated surface should be polished or wiped down with a soft cloth and if necessary Nanoman Pre-cleaner to remove any remaining silicas or residue. The surface will be at its most effective after 24 hours and should be kept dry in this time if practical.