Application Technique for Nanoman Stone, Brick & Concrete

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 SB&C.

NANOMAN SB&C is an invisible, non-slip coating and is recommended for all types of outdoor and indoor Stone, Brick, Concrete and Terracotta surfaces including, patios, verandahs, landscaping, terracotta furniture, kitchen bench tops and much more.

Pre Cleaning:
To ensure maximum performance, it is important that the surface is completely clean prior to application. We recommend that all surfaces be wiped down with a wet cloth and for particularly soiled surfaces the use of NANOMAN Pre Cleaner to remove grease, dirt and other staining. Do not use an abrasive cloth, which may result in scratching the surface. It is important that the surface is completely dry before applying Nanoman.

Application:
- NANOMAN SB&C can be applied by spraying, painting, brushing or rolling on.
- Ensure that the whole surface is covered and has a wetish look upon application.
- As a guide, use 50 - 80ml per m² However this will depend on the absorbency of the particular surface.
- Allow to dry for 7-8 hours (more time is required in high humidity).

Curing:
The coating takes 7-8 hour to completely set during which time the surface should be kept dry. It will continue to improve over time as the microscopic nanoparticles penetrate deep inside the porous material rendering a robust anti-damp, thermal and anti-bacterial effect. In addition to the surface layer, the penetration of nanoparticles will absorb thermal shock but not allow water to penetrate and prevent the formation of algae and scale.

Cleaning/Maintenance of Coated Surface:
With NANOMAN SB&C applied, there is no need to use expensive and environmentally unfriendly cleaners and detergents. In fact, these will only adversely affect the Nano coating. To clean the treated surface we recommend simply wash with fresh water and/or wipe down using a soft wet towel. More resilient stains, eg graffiti, can be removed using a high-pressure hose.

IMPORTANT:
- The wearing of gloves is recommended.
- Please ensure the area being treated is well ventilated.
- Do not apply in direct sunlight if possible.
- Do not expose to naked flame and do not apply or store in direct sunlight.
- Store in a sealed container and keep away from children.
- In the event of eye contact, wash out immediately with water.
- 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 SB&C work?
   Nanoman sealants contain specifically modified functional nano particles that self assemble and produce a two-dimensional net matrix on the surface that becomes both hydrophobic (water repellant) and anti-stick. Water simply pearls 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. Due to the porous nature of stone and brick etc, microscopic nano particles will also penetrate and spread out inside these materials, magnifying its protective effect.

3. What is the durability of Nanoman SB&C?
   Up 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 SB&C should not be ingested and in the event of eye contact, washed out immediately in water.

5. Does temperature affect Nanoman SB&C?
   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. Once treated, the surface becomes UV and thermal shock 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. For larger surfaces, a sprayer is best. However you may also apply by painting, brushing or rolling on.

7. Can I use Nanoman SB&C on my new kitchen bench top?
   Yes. Nanoman SB&C can be used on any mineral surface both inside and outside the home and is perfect for protecting your brand new or used kitchen bench top.

8. How do I clean surfaces treated with Nanoman SB&C?
   Nanoman products are designed to cut your cleaning time significantly and eliminate the need to use aggressive cleaners that are harmful to our environment. Note that aggressive chemical cleaners will actually reduce the lifespan of the Nano coating. We recommend cleaning only with water and wipe down with a soft cloth or towel. For larger outdoor areas, you may use a high-pressure hose, however we caution against over use as this will eventually reduce the lifespan of the nano coating.

9. How long does it take for the coatings to set?
   Nanoman SB&C takes 7-8 hours to set and will continue to penetrate and improve it’s effectiveness over time. During the initial period the surface should be kept completely dry and untouched.