

nanoShield metal

one step cleaner & sealer for all metal surfaces

Nanotechnology one-step Cleaner and Sealer

Brown discoloration, or "tea-staining" is a very common problem with stainless steel. These brown marks are most prevalent on steel in coastal and other damp areas.

NanoShield Metal is a nanotechnology based, one step cleaner and sealer to remove stubborn stains, oxidation and contamination from uncoated metal surfaces like stainless steel, copper, aluminum etc. A nanoscale abrasive blend gently and effectively removes surface contamination without scratching.

The hydrophobic active nano-substance self assembles on the surface to provide a long lasting, ultra thin protection. This breathable surface protection creates a water and dirt repelling, easy to clean surface. Cleaning can be effected with a wet cloth, reducing maintenance times considerably.



NanoShield METAL can provide effective long term surface protection.

method of application

NanoShield METAL can be applied directly to the substrate without any further preparation. The nanoscale abrasives will remove stains and contamination effectively. Use a soft cotton cloth to polish the surface, turning to a clean surface frequently. Buff to a shine.

NanoShield Metal is also extremely economical to use. Each square metre of substrate will require between 20 - 50 ml of treatment.

Stainless steel and other uncoated metals will continue to look new and shiny for extended periods, even in the harshest marine environment. It also performs well in extremely dirty and dusty conditions.

The protective effect can last for up to 2 years. Periodic reapplication will extend the life of the coating indefinitely.

NanoShield METAL can also be effectively used to restore older contaminated surfaces to near new condition.



The 2 pictures above show the treated and untreated badly corroded pipeline in Egypt. The treatment was done on 2 km of pipeline.

specifications

Chemical Characteristic:	Water-based
Colour:	Milky Yellow
Gloss Factor:	N/A
Curing:	30 Minutes
Viscosity:	N/A
Specific Weight:	1.1kg/L
Hazard Warning Signs:	Irritant Liquid
Transport Class:	Not DG
Storage Conditions:	12 months 22°C
Packaging:	1L, 5L or 20L
Consumption Rate:	20-50ml per sqm
Tool Cleaning:	Water

contact details

For further information on NanoShield METAL and our range of products, please contact us at the following:

NanoShield Treatments Limited
Unit 11, Madden Marine Centre
Madden Road
Viaduct Basin, Auckland
New Zealand
Call: 0800 NANO4U
Website: www.nanoshield.biz
Email: enquiries@nanoshield.biz