



NanoGuard SWR

Transparent, silicone, water repellent

Description	NanoGuard SWR water repellent is supplied as a colorless, ready to use, silicone resin solution which can be sprayed or brush applied onto the surface.										
Primary applications	NanoGuard SWR water repellent, is used to provide water repellent surface with improved self cleaning properties on exterior building - brick work, concrete, cement rendering, natural or cast stone. Helps in reducing efflorescence due to soluble salts in brickwork.										
Advantages	<ul style="list-style-type: none"> • One component easy to use • Equally effective on old or new surfaces. • Unaffected by salt-laden atmosphere, reduces unsightly staining. • Risk of efflorescence is reduced. • Reduces causes of cracking and crazing in in-situ or precast concrete • Preserves natural color and texture of Allows surface to breathe. • Repels rain water and inhibits ingress of surface water provided there is no hydrostatic pressure. 										
Standards Compliance	<p>NanoGuard SWR water repellent complies with BS 6744-92 Class A and Class B as silicone - based water repellent.</p> <p>For application on brickwork, concrete, cement rendering, nature or cast stone of predominantly siliceous nature, it complies with BS6744-92 Class A.</p> <p>For application on sand stone, lime stone, calcium silicate, brickwork, natural or cast stone of predominantly calcareous nature, complies with BS6744-92 Class B.</p>										
Properties	<table border="0"> <tr> <td style="padding-right: 20px;">Appearance</td> <td>Clear liquid</td> </tr> <tr> <td>Density</td> <td>0.8kg/ltr Approx.</td> </tr> <tr> <td>Substrate temperature</td> <td>5-35oC</td> </tr> <tr> <td>Water resistance</td> <td>Repels rain water and inhibits ingress of surface water provided there is no hydrostatic pressure.</td> </tr> <tr> <td>Permeability</td> <td>Permeability is low to water; salt solution, dust and soot particles. Leaching of soluble salts from brick work, which causes efflorescence, absorption of deicing salts by concrete which causes degradation and absorption of atmospheric dirt by brickwork, concrete and stone are all minimized. Water vapor release NanoGuard SWR water repellent allows building surfaces to breathe naturally.</td> </tr> </table>	Appearance	Clear liquid	Density	0.8kg/ltr Approx.	Substrate temperature	5-35oC	Water resistance	Repels rain water and inhibits ingress of surface water provided there is no hydrostatic pressure.	Permeability	Permeability is low to water; salt solution, dust and soot particles. Leaching of soluble salts from brick work, which causes efflorescence, absorption of deicing salts by concrete which causes degradation and absorption of atmospheric dirt by brickwork, concrete and stone are all minimized. Water vapor release NanoGuard SWR water repellent allows building surfaces to breathe naturally.
Appearance	Clear liquid										
Density	0.8kg/ltr Approx.										
Substrate temperature	5-35oC										
Water resistance	Repels rain water and inhibits ingress of surface water provided there is no hydrostatic pressure.										
Permeability	Permeability is low to water; salt solution, dust and soot particles. Leaching of soluble salts from brick work, which causes efflorescence, absorption of deicing salts by concrete which causes degradation and absorption of atmospheric dirt by brickwork, concrete and stone are all minimized. Water vapor release NanoGuard SWR water repellent allows building surfaces to breathe naturally.										
Packaging	5Ltr, 30 Ltr Pails & 210 ltr drums										
Storage	Store in dry and cool place below 35oC. Protect from direct sunlight.										
Shelf life	12 months if stored properly in unopened packaging.										
Instruction for use	<p>Surface preparation: Surfaces should be dry, although slight dampness is not detrimental. Surface to be treated should be free from oil, grease, loose particles, decayed matter and moss or algae growth.</p> <p>Application: Apply NanoGuard SWR water repellent evenly by spraying or brushing. Ensure an even coat over the entire surface. Porous surface should be well saturated with a two coat application.</p> <p>Coverage: 0.3 Ltr/m² approx.</p>										
Cleaning & Disposal	Brushes and equipment should be cleaned with NanoSolvent immediately after use. Do not dispose off in to water or soil but according to local regulations.										
Precautions & Limitations	Contains solvent which could damage synthetic material and bituminous products. Keep away from fire, do not smoke. Use in well ventilated area only.										
Health & safety	In case of contact with the skin, wash immediately with soap and water; in case of contact with the eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately, do not induce vomiting. Skin barrier cream, safety goggles and rubber gloves are recommended.										