

**Premium Emulsion Paint for Exterior**  
**TOA NANOSHIELD**

<b>Description</b>	<p>TOA NANOSHIELD is the latest innovative 100% Acrylic emulsion super Premium grade paint with Hybrid Nano technology from Germany provide excellent and long lasting surface protection .With Shield technology from TOA paint plus an extra features with Hybrid technology of two Nano materials between Nano Silicone and Nano Fluorocarbon, also chemical bonding of Nano Molecule ( 1/billion of meter), it brings high effective of:</p> <ul style="list-style-type: none"> <li>• Nano silicon offers excellent water resistance. Water can not penetrate in to paint film .</li> <li>• Nano Fluorocarbon offers excellent anti dirt pick up. Repellent to Stain ,Water and oil . Paint film always look clean and new.</li> </ul> <p>TOA NanoShield is Super premium grade for exterior provides excellent waterproof and long lasting surface from harsh weather.</p>	
<b>Typical Uses</b>	<p>It is ideal for application on the surface: For cement, concrete, brick, ... Can be applied for exterior where protection from harsh weather ,dirty stain is needed.</p>	
<b>Physical Properties</b>		
Component	Pure Acrylic Binder, Pigment	72% approximately
	Water	20% approximately
	Additive	8% approximately
Performance Specification	Film Appearance	2 finishes: Sheen, High Sheen
	%Non Volatile	
	Coverage	11-13 m <sup>2</sup> /litre/coat approx.
Drying Time	Touch Dry	30 mins
	Hard Dry	2 hrs
Specific Gravity	1.32 - 1.35 g/cm <sup>3</sup>	
<b>Application Method</b>		
Tools	Brush, Spray, Roller	
Thinner	Clean water 10 -15 % by Volume (Depend on application)	
<b>Application System</b>		
Surface Preparation	<p>Ensure the surface to be painted is clean, dry, free from dirt ,oil or other contamination. Must remove all loose or defective paint or powdery residue and fungus or algae. Repair the damaged areas. In the case: if there are splits larger than 0.1mm, they should be fixed and smoothed by TOA putty.</p>	
New Surface :	<p>Prime 1 coat of TOA NanoShield Ext.Alkali Resisting Primer  Then Topcoat with 2 coats of TOA NanoShield</p>	
Old Surface :	<p>Prime 1 coat of 4 Seasons Contact Sealer  Then Topcoat with 2 coats of TOA NanoShield</p>	
Precaution :	<ol style="list-style-type: none"> <li>1. Keep away from children and avoid contact with eyes.</li> <li>2. Stir well before use and once opened, entire contents should be used. Store in a cool, shaded place.</li> <li>3. Allow new surface to dry out around 21 -28 days in normal condition before painting.</li> <li>4. Ensure correct primer and/or sealer is used and allow putty to thoroughly harden before painting</li> </ol>	
<b>Disclaimer</b>	<p>This information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything only the quality of the product itself. We reserve the right to change the given data without notice.</p>	