



Premium Emulsion Paint for Exterior
TOA NANOSHIELD SUNBLOCK

<p>Description</p>	<p>TOA NANOSHIELD Sunblock is the latest innovative 100% Acrylic emulsion super Premium grade paint apply Sunblock technology combine the preeminent function of Nano Solar Pigment and Insulating Microsphere Ceramic for reflecting sunlight to 95%, reducing the temperature from 3 to 5⁰ C</p> <ul style="list-style-type: none"> • Nano silicon offers excellent water resistance. Water can not penetrate in to paint film . • Nano Fluorocarbon offers excellent anti dirt pick up. Repellent to Stain ,Water and oil . Paint film always look clean and new. <p>TOA NanoShield Sunblock is Super premium grade for exterior provides excellent waterproof and long lasting surface from hash weather.</p>												
<p>Typical Uses</p>	<p>It is ideal for application on the surfaces: cement, concrete, brick, ... Can be applied for exterior where protection from harsh weather ,dirty stain is needed.</p>												
<p>Physical Properties</p>	<table border="0"> <tr> <td data-bbox="197 656 300 680">Component</td> <td data-bbox="683 685 917 763">Pure Acrylic Binder, Pigment Water Additive</td> <td data-bbox="1002 685 1165 763">72% approximately 20% approximately 8% approximately</td> </tr> <tr> <td data-bbox="197 770 411 795">Performance Specification</td> <td data-bbox="683 799 821 878">Film Appearance %Non Volatile Spreading Rate</td> <td data-bbox="1002 799 1225 878">Sheen 11-13 m²/litre/coat approx.</td> </tr> <tr> <td data-bbox="197 884 304 909">Drying Time</td> <td data-bbox="683 913 970 965">Touch Dry Hard Dry</td> <td data-bbox="900 913 970 965">30 mins 2 hrs</td> </tr> <tr> <td data-bbox="197 972 328 996">Specific Gravity</td> <td colspan="2" data-bbox="683 965 831 990">1.32 - 1.35 g/cm³</td> </tr> </table>	Component	Pure Acrylic Binder, Pigment Water Additive	72% approximately 20% approximately 8% approximately	Performance Specification	Film Appearance %Non Volatile Spreading Rate	Sheen 11-13 m ² /litre/coat approx.	Drying Time	Touch Dry Hard Dry	30 mins 2 hrs	Specific Gravity	1.32 - 1.35 g/cm ³	
Component	Pure Acrylic Binder, Pigment Water Additive	72% approximately 20% approximately 8% approximately											
Performance Specification	Film Appearance %Non Volatile Spreading Rate	Sheen 11-13 m ² /litre/coat approx.											
Drying Time	Touch Dry Hard Dry	30 mins 2 hrs											
Specific Gravity	1.32 - 1.35 g/cm ³												
<p>Application Method</p>	<table border="0"> <tr> <td data-bbox="341 1081 387 1106">Tools</td> <td data-bbox="555 1081 715 1106">Brush, Spray, Roller</td> </tr> <tr> <td data-bbox="341 1113 405 1137">Thinner</td> <td data-bbox="555 1113 879 1164">Clean water 10 - 20% by Volume (Depend on application)</td> </tr> </table>	Tools	Brush, Spray, Roller	Thinner	Clean water 10 - 20% by Volume (Depend on application)								
Tools	Brush, Spray, Roller												
Thinner	Clean water 10 - 20% by Volume (Depend on application)												
<p>Application System</p>	<table border="0"> <tr> <td data-bbox="341 1254 504 1279">Surface Preparation</td> <td data-bbox="555 1254 1262 1361">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.</td> </tr> <tr> <td data-bbox="341 1395 456 1420">New Surface :</td> <td data-bbox="555 1395 1137 1447">Prime 1 coat of TOA NanoShield Ext.Alkali Resisting Primer Then Topcoat with 2 coats of TOA NanoShield Sunblock</td> </tr> <tr> <td data-bbox="341 1453 448 1478">Old Surface :</td> <td data-bbox="555 1453 1137 1505">Prime 1 coat of 4 Seasons Contact Sealer Then Topcoat with 2 coats of TOA NanoShield Sunblock</td> </tr> <tr> <td data-bbox="341 1538 440 1563">Precaution :</td> <td data-bbox="555 1538 1386 1646"> <ol style="list-style-type: none"> 1. Keep away from children and avoid contact with eyes. 2. Stir well before use and once opened, entire contents should be used. Store in a cool, shaded place. 3. Allow new surface to dry out around 21 -28 days in normal condition before painting. 4. Ensure correct primer and/or sealer is used and allow putty to thoroughly harden before painting </td> </tr> </table>	Surface Preparation	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.	New Surface :	Prime 1 coat of TOA NanoShield Ext.Alkali Resisting Primer Then Topcoat with 2 coats of TOA NanoShield Sunblock	Old Surface :	Prime 1 coat of 4 Seasons Contact Sealer Then Topcoat with 2 coats of TOA NanoShield Sunblock	Precaution :	<ol style="list-style-type: none"> 1. Keep away from children and avoid contact with eyes. 2. Stir well before use and once opened, entire contents should be used. Store in a cool, shaded place. 3. Allow new surface to dry out around 21 -28 days in normal condition before painting. 4. Ensure correct primer and/or sealer is used and allow putty to thoroughly harden before painting 				
Surface Preparation	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.												
New Surface :	Prime 1 coat of TOA NanoShield Ext.Alkali Resisting Primer Then Topcoat with 2 coats of TOA NanoShield Sunblock												
Old Surface :	Prime 1 coat of 4 Seasons Contact Sealer Then Topcoat with 2 coats of TOA NanoShield Sunblock												
Precaution :	<ol style="list-style-type: none"> 1. Keep away from children and avoid contact with eyes. 2. Stir well before use and once opened, entire contents should be used. Store in a cool, shaded place. 3. Allow new surface to dry out around 21 -28 days in normal condition before painting. 4. Ensure correct primer and/or sealer is used and allow putty to thoroughly harden before painting 												
<p>Disclaimer</p>	<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>												