



## FEATURES

NanoShield for exterior is the high quality 100% acrylic emulsion. Excellent prevention stain containing water and oil. Significantly feature of nano silicone by PROTECTIVE HYBRID TECHNOLOGY From Germany. It gives performance of washability, UV protection, low dirt pick up on film, anti fungus and algae resistance, It contains no added lead and mercury.

It is ideal for application to both exterior and interior concretes, new and old masonry surfaces, plasters, bricks, asbestos shingled and siding. Both exterior and interior, It is highly recommended for long lasting protection of building and housing.

## TECHNICAL INFORMATION

Type	100% pure acrylic emulsion paint
Color	Wide range of colors. Please refer to colour card.
Film appearance	Sheen
Specific gravity	1.28-1.32
Solid by volume	35.5-39.5 % , other colours will vary.
Solid by weight	51-53 %
Flash point	N/A °C
Volatile organic compounds (VOCs)	- gram / litre
Wet film thickness	100-110 microns
Dry film thickness	30-40 microns
Theoretical coverage.	12-13 sq. meter / liter / coat
Remark - Actual Surface coverage will depend on surface irregularities, Mixing, Application Condition method and technique; as well as the structure and dimensions of the object to be coated.	
Touch dry ( 25-30°C)	20-30 minutes
Recoat dry ( 25-30°C)	2-3 hours
Full cure ( 25-30°C)	7 days

## REFERENCE STANDARD

## APPLICATION

Tools	Roller, Brush, Spray
Diluent	Clean Water
Dilution (%)	5-10 % ( roller)
	10-15 % (brush)
	15-20 % ( spray )

## APPLICATION SYSTEM

Surface Preparation



<p><b>Old surface</b></p> <p><b>New surface</b></p> <p><b>Coating system</b></p> <p>Primer For Old Surface</p> <p>Primer For New Surface</p> <p>Topcoat</p>	<p>Powdery and chalky surface must be scrubbed and cleaned with water</p> <p>Fungus and mildew growth must be cleaned off. Left to dry for 2-3 days.</p> <p>For more smooth surface use TOA Acrylic Wall Putty.</p> <p>Substrate must be completely cured and dried ( ~ 1 month ) free from oil ,grease ,mildew, from release agents and foreign matters.</p> <p>For more smooth surface use TOA Acrylic Wall Putty</p> <p>Apply 1-2 coats of TOA QUICK PRIMER WATERBASE</p> <p>Apply 1-2 coats of TOA QUICK PRIMER WATERBASE</p> <p>Apply 2-3 coats of NANOSHIELD SHEEN</p>
<p><b>HANDLING AND STORAGE</b></p> <p><b>Storage condition</b></p> <p><b>Shelf life</b></p>	<p>: The product must be stored in accordance with national regulations.</p> <p>Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition.</p> <p>Containers must be kept tightly closed.</p> <p>: 5 years from producing at 25-35 °C.</p>
<p><b>HEALTH AND SAFETY</b></p>	<p>: Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.</p> <p>: For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.</p>
<p><b>DISCLAIMER</b></p>	<p>: The 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>