

## NANOSHIELD SHEEN

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### FEATURES

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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.

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### TECHNICAL INFORMATION

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Type	: A 100% pure acrylic emulsion paint
Color	: Wide range of colours. Please refer to colour card.
Film appearance	: Sheen
Solid by volume	: 36-38 %
Solid by weight	: 51-53 %
Wet film thickness	: 100-110 microns
Dry film thickness	: 30-40 microns
Theoretical coverage.	: 12-13 sq.m / ltr/ one 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.

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### REFERENCE STANDARD

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### APPLICATION

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Tools	: Brush ,Roller ,Spray gun
Thinner	: Clean water
Dilution (%)	: For rolling, dilute with 5-10% clean water by volume
	: For brush, dilute with 10-15% clean water by volume
	: For spray, dilute with 15-20% clean water by volume

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## APPLICATION SYSTEM

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### Surface Preparation

**Old surface** : Powdery and chalky surface must be scrubbed and cleaned with water  
: Fungus and mildew growth must be cleaned off. Left to dry for 2-3 days.  
: For more smooth surface use TOA Acrylic Wall Filler.

**New surface** : Substrate must be completely cured and dried (~1 month) free from oil, grease, mildew  
from release agent and foreign matters  
: For more smooth surface use TOA Acrylic Wall Filler

### Coating system

**Old Surface/Primer** : Apply 1-2 coats of TOA Primer

**New Surface/Primer** : Apply 1-2 coats of TOA Primer

**Topcoat** : Apply 2-3 coats of NanoShield Sheen

\*\* remark for special system

**Recommendation** : The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is required in confined areas to ensure correct drying.

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## HANDLING AND STORAGE

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**Storage condition** : The product must be stored in accordance with national regulations.  
Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition.  
Containers must be kept tightly closed.

**Shelf life** : 5 years from producing at 25-35oC

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## HEALTH AND SAFETY

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: 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.  
: For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

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## DISCLAIMER

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: 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.