

**SUPERSHIELD DURACLEAN A PLUS SEMIGLOSS****FEATURES**

Duraclean A Plus is an ultra premium grade, 100% pure acrylic. It provides an easy to clean function that leaves no stain after cleaning. It makes an air indoor quality the best by Air Detoxify technology, which gives odourless and disposal of formaldehyde in air indoor. Moreover it gives long life prevention of bacteria over color coating with no harmful side effect to human being. Excellent fungus prevention with advance technology of Nearly Zero V.O.C. ( Volatile Organic Compound )

It is highly recommended for children room, hospital, kindergarten, restaurant and hallway, etc.

**TECHNICAL INFORMATION**

Type	An Synthetic Acrylic Emulsion Paint	
Color	Wide range of colors. Please refer to colour card.	
Film appearance	Matt	
Solid by volume	36-38	%
Solid by weight	54-56	%
Flash point	N/A	°C
Volatile organic compounds (VOCs) less than 0.4 gram / liter		
Wet film thickness	100-110	microns
Dry film thickness	35-40	microns
Theoretical coverage.	8.5 - 10.0	m <sup>2</sup> / litre / 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)	30	minutes.
Recoat dry ( 25-30 °C)	2	hours.
Full cure ( 25-30 °C)	7	days.

**REFERENCE STANDARD**

TIS.2321-2549 (Weather Resistant Emulsion Paints),  
Green Label Thailand

**APPLICATION**

Tools	: Roller, Brush, Spray gun
Diluent	: Clean Water
Dilution (%)	: For rolling, dilute with 10-15% 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 before applying microkill. Left to dry for 2-3 days  
Apply on cracks with TOA Acrylic Wall Putty

**New surface** Substrate must be completely cured and dried ( ~ 1 month ) free from oil ,grease ,mildew,from  
release agents and foreign matters.or measure moisture which should be less than 14% on surface  
with protimeter mini If any crack, it should be repaired on surface before applying

### Coating system

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

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

**Topcoat** : Apply 2 coats of SUPERSHIELD DURACLEAN A PLUS SEMIGLOSS

\*\* Recommend for deep tone , you should apply middle coat that it has tone lighter before requiring color

**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 25-35° C

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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.