



FEATURES

Supershield Aqua Gloss Primer is a primer base on acrylic emulsion resin and corrosion- inhibiting zinc phosphate pigment. It is characterized with strong adhesion to concrete, steel, galvanized and wood. As a rust preventing primer on steel structures, It is suitable of being top coated by most solventborne coatings.

TECHNICAL INFORMATION

Type	: Acrylic paint
Color	: White
Film appearance	: Matt
Specific gravity	: 1.28 ± 0.02
Solid by volume	: 34 ± 2 %
Solid by weight	: 52 ± 2 %
Flash point	: N/A
Wet film thickness	: 100 - 110 microns
Dry film thickness	: 35 - 40 microns
Practical coverage	: 35 - 45 m ² / Gal

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.

	Temperature	25 °C	30 °C	35 °C
Touch dry	Surface dry	15 mins	12 mins	10 mins
Full cure	Hard dry	2 hrs.	1.5 hrs.	1 hr.
Recoat dry	Minimum	2 hrs.	1.5 hrs.	1 hr.

Remark : Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

APPLICATION

Tools	: Air spray, Brush, Roller
Thinner	: Water
Dilution (%)	: 10- 15% by volume for Roller or Brush : 20- 25% by volume for Spray

APPLICATION SYSTEM

Surface Preparation
 New Surface concrete

: Substrate must be completely cured and dried (~1 month) free from oil, grease and mildew
 At a crack width less than 1 mm and not break continuity, Putty for filling with TOA acrylic filler.
 Around the crack wider than 1 mm or a different continuity, Putty for filling with TOA Acrylic Sealant.



<p>Old Surface concrete</p> <p>Structure Coating Surface</p>	<p>: 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 for skim coating.</p> <p>: The surface must be clean, dry, free of loose rust and scale paint, etc. Remove all oil, grease and other contaminants with a suitable solvent. Metal should be blast cleaned in accordance with NACE No.2 / SSPC-SP10, ISO 8501:1, SIS Sa 2.5 to a near-white finish using a suitable abrasive or power tool cleaning in accordance with SIS St 3 or SSPC-SP3 .</p> <p>: Surface repair (cracks, pores, holes) done with TOA Epoxy putty and polishing of surface with moltoprene disk.</p> <p>: Remover all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP1, Solvent Cleaning before coating.</p> <p>: To prevent the formation of rust or oxide, coat as soon as possible after cleaning. For maximum protection, the coating must have direct contact with the metal surface.</p>
<p>Coating System</p> <p>Protective Coating</p> <p>Recommendation</p>	<p>: Primer Supershield Aqua Gloss Primer 40 microns x 1 coat</p> <p>: Topcoat Supershield Aqua Gloss 40 microns x 2 coats</p> <p>: The proper relative humidity in the work shall not exceed 85% RH.</p> <p>: 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 for prevent moisture and water drop on substrate effective adhesion and drying time.</p>
<p>HANDLING AND STORAGE</p> <p>Storage condition</p> <p>Shelf life</p> <p>Package</p>	<p>: The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition.</p> <p>: 24 months at 30-35 °C</p> <p>1 Gallon, 1/4 Gallon</p>
<p>HEALTH AND SAFETY</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 Safety Data Sheet.</p>
<p>DISCLAIMER</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>