



SUPERSHIELD

15 Years Triple Titanium Protection Pure Acrylic High Performance Waterborne Exterior Wall Finish

SUPERSHIELD is an ultra-premium, algae, fungi and weather resisting 100% pure acrylic water-based wall finish formulated to provide at least 15 years protection (with proven records since 1983) for exterior wall surfaces. **SUPERSHIELD** with most advance technology from TOA specially designed to enhance durability and to reflect radiant heat with Ti-Pure™, triple titanium protection to provide home all weathers resistance. **SUPERSHIELD** is alkali resistant, has superb adhesion, excellent dirt pick-up resistant properties through its special self-cleansing properties, and up to 96.7% heat reflection with nano titanium triple protection and selective u.v. resisting colorants that provides energy saving, cool, anti-fade, smooth, soft, and highly durable decorative finishing.

Recommended Use: **SUPERSHIELD** is specially formulated for exterior plastered wall and masonry. It is suitable for new or previously painted masonry surfaces such as brickwork, plaster, cement, rendering and asbestos.

Technical Information

Finish	Sheen
Vehicle type	Water based
Colour	Standard Colours in Colour Innovation Booklet
Volume Solids	Approx. 45%
Flash Point	Non-Flammable
Specific Gravity	1.30 ± 0.5 (depends on colours)
Viscosity	96 – 106 KU
Fungus & Algae Resistance	Excellent
Alkali Resistance	Excellent
Water Resistance	Excellent
Scrub Resistance	Excellent
Shelf Life	60 months

Application Details

Application methods	Brush, roller or air spray
Mixing Ratio (by volume)	The paint is ready for use after thorough stirring For sealing new or bare surface thin up to 10% with clean water
Thinner / Cleaner	Clean Water
Dry to Touch	20 – 30 min., depending on ambient temperature
Dry to Overcoat	2 hours (maximum indefinite)
Spreading Rate	9– 10 m ² / Litre
Wet Film Thickness	90μ
Dry Film Thickness	33μ

Surface Preparation

New and Bare Surfaces

New plastered surfaces must be allowed to dry thoroughly at least 28 days or less than 12% moisture content as measured with a moisture meter. All surfaces to be painted must be sound, dry, clean and free from oil, grease, dirt, mildew, releasing agent, curing compounds and other foreign bodies.

Previously Painted Surfaces

All loose or defective paint or powdery residues shall be removed by brushing and scrapping using a stiff fiber brush or high pressure water jet. Any area affected by mould, algae, lichen, moss and fungus shall be treated with **TOA Micro Kill**. Make good any surface imperfection with suitable weather resistant putty or sealant. Ensure surface is dry, clean, and free from dirt, grease or wax prior to application of paint. Porous surface with high absorption should first prime with **Wallsila 900** sealer.

Typical Painting System

<u>Substrate</u>	<u>Sealer (1coat)</u>	<u>Finishing Coat (2 coats)</u>
New and Bare Surfaces	Wallsila 800 / Wallsila 900	SUPERSHIELD
Previously Painted Surfaces	Wallsila 800 / Wallsila 900	SUPERSHIELD

Storage & Packaging

Storage	The product must be kept in a cool and well ventilated place protected from direct sunlight Container must be tightly sealed
Handling	Handle with care. Stir well before use.
Packing size	1, 5 Litres & 15 Litres

Safety Precaution

Avoid contact with skin and eyes. It is advisable to wear eye protection while painting. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Keep container closed when not in use. Provide good ventilation during application. Do not empty into drains or water sources. **Keep out of reach of Children.**

Disclaimer: *The above information 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 but the quality of the product itself. We reserve the right to change the given information without prior notice.*