



TECHNICAL DATA SHEET

621 ZINC PHOSPHATE PRIMER (SATIN FINISH)

CURRENT AS AT: January 2014

DESCRIPTION:	<p>Kingston 621 Zinc Phosphate Primer (satin finish) is a copolymer resin based general purpose industrial primer. It contains zinc phosphate for corrosion inhibition.</p> <p>Kingston 621 Zinc Phosphate Primer (satin finish) is relatively fast drying with excellent adhesion to suitably prepared substrates and exhibits very good gloss hold-out when over-coated with enamel finishes.</p>								
PRODUCT NO:	<p>621 followed by a 4 digit suffix</p> <p>USES: Ideally suited as an anti-corrosive primer for general structural steel, roofs, machinery and other equipment on good, clean and scale free surfaces.</p>								
SURFACE PREPARATION	<p>All surfaces should be thoroughly washed with Kingston 500-0111 Wax & Grease Remover to remove all traces of dirt, oil, grease, silicone, was etc. Surfaces showing heavy scale or surface rust should be treated with Kingston 971 Metal Conditioner and Degreaser. Heavily rusted surfaces should be abrasively blast cleaned.</p>								
THINNING:	<p>Thin 15 – 20% by volume with Kingston 500-0100 Enamel Thinner for conventional spray application.</p>								
APPLICATION:	<p>Spray two or more even coats wet on wet. Kingston 621 Zinc Phosphate Primer (satin finish) is not suitable for brush application on large areas.</p>								
DRYING:	<p>At normal ambient conditions and nominal film thickness of 25 microns, Kingston 621 Zinc Phosphate Primer (satin finish) is:</p> <table> <tr> <td>Dust Free:</td> <td>5 – 10 minutes</td> </tr> <tr> <td>Touch Dry:</td> <td>15 – 20 minutes</td> </tr> <tr> <td>Dry to Handle:</td> <td>2 – 3 hours</td> </tr> <tr> <td>Hard Dry:</td> <td>Overnight</td> </tr> </table>	Dust Free:	5 – 10 minutes	Touch Dry:	15 – 20 minutes	Dry to Handle:	2 – 3 hours	Hard Dry:	Overnight
Dust Free:	5 – 10 minutes								
Touch Dry:	15 – 20 minutes								
Dry to Handle:	2 – 3 hours								
Hard Dry:	Overnight								
RECOAT:	<p>Can be recoated with most industrial enamels after 4 hours drying at normal ambient conditions, but for the best result a 4 – 6 hour drying period is recommended.</p>								

TOP COATING: Can be top coated with:

Kingston	630 – Quick Dry Enamel
Kingston	634 – Equipment Enamel

NOTE: Top coating with lacquers or two pack enamels is NOT RECOMMENDED.

RESISTANCE PROPERTIES;

Abrasion Resistance:	Good
Solvent Resistance:	Good
Chemical Resistance:	Fair
Oil Resistance:	Good
Heat Resistance:	Satisfactory up to 120oC dry heat
Water Resistance:	Very good

CLEAN UP: Wash all equipment with Kingston 500 –0100 Enamel Thinner or 500-0106 Mineral Turpentine immediately after primer application. Do not allow paint to dry before attempting clean-up.

PACKAGING: 4 Litres 20 Litres

Colour Range: Blue
Grey
Red Oxide
White

HEALTH & SAFETY:

Contains flammable volatile solvents. Contains Zinc Phosphate. Keep away from all sources of heat and open flames. Do not smoke whilst handling. Wear suitable protective clothing to avoid contact with skin and eyes and avoid breathing vapour. Do not spray in confined or poorly ventilated areas without the use of approved air supplied breathing apparatus.

FIRST AID:

Eyes: If paint splashed into eyes, irrigate with copious amounts of clean water for 15 minutes. Seek medical aid if irritation persists.

Skin: If paint splashed onto skin, wash the affected areas thoroughly with soap and water. If irritation persists, seek medical aid. Remove all contaminated clothing and launder before re-use.

Inhalation: If affected by exposure to vapours, remove from area, keep at rest and seek medical aid if symptoms persist.

Ingestion: If swallowed, give a glass of water to drink and seek medical assistance. DO NOT Induce vomiting.

CONSULT SEPARATE MATERIAL SAFETY DATA SHEET FOR MORE DETAILED HEALTH AND SAFETY INFORMATION.

This information is furnished without warranty, representation inducement or licence of any kind except that it is accurate to the best of Kingston Paints Pty Ltd's knowledge or obtained by Kingston Paints Pty Ltd from sources believed by it to be accurate and Kingston Paints Pty Ltd does not assume any legal responsibility for use or reliance upon the same. Customers are encouraged to conduct their own tests.