

## TECHNICAL DATA SHEET FOR

**CRYSTALUX A/C PRIMER  
(LEAD AND CHROMATE-FREE PRIMER)**

<b>DESCRIPTION</b>	:	Lead and Chromate-free oil modified alkyd primer for iron and steel substrates, conforming to SS: 494 : 2001
<b>TYPE</b>	:	Oil modified alkyd resin
<b>COLOUR</b>	:	Grey
<b>FINISH</b>	:	Matt
<b>USES</b>	:	For protection of ferrous metals such as: <ul style="list-style-type: none"><li>• Pipes</li><li>• Metal sheets</li><li>• Grilles</li><li>• Doors</li><li>• Pole / Post</li><li>• Fencing</li></ul>
<b>FEATURES</b>	:	<ul style="list-style-type: none"><li>• Excellent corrosion resistance</li><li>• Does not contain lead and chrome compounds</li><li>• Good bonding strength onto ferrous substrates providing a firm base for subsequent coats</li></ul>
<b>APPLICATION DATA</b>		
<b>METHOD</b>	:	Brush, roller and air spray
<b>THEORETICAL COVERAGE</b>	:	16 m <sup>2</sup> /litre (based on 30 microns DFT per coat)
<b>DILUTION</b>	:	Use Bodelac 9000 GP Reducer Brush - 10~20% Roller - 10~20% Air Spray - 20~30%
<b>SURFACE PREPARATION</b>	:	<b><u>New surfaces</u></b> <b>Ferrous</b> Oil/Grease – Organic solvent cleaning Mill scale & Rust – sand paper, wire brushing, grit blasting (ideal) All bare metals must be immediately primed to prevent initial corrosion  <b>Non-Ferrous</b> Remove oil and grease and other forms of contaminants by solvent cleaning. Sanding should be done before painting to improve adhesion. Primed with Hi-Vinyl 1102 CF Etching Primer.

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<b>SURFACE PREPARATION</b>	:	<b><u>Repainting Surfaces</u></b> <b>Ferrous</b> Corrosion and unstable paint – sand paper, wire brushing and blasting (ideal). All exposed metal must be immediately primed to prevent initial corrosion  <b>Non-Ferrous</b> Remove oil and grease and other forms of contaminants by solvent cleaning. Corrosion and unstable paint – sand paper, wire brushing and blasting (ideal). Spot prime exposed metal surfaces with Hi-Vinyl 1102 CF Etching Primer followed by 1 coat of Crystalux A/C Primer
<b>DRYING TIME</b>	:	Surface Dry - max 2 hours at 30 °C Hard Dry - max 10 hours at 30 °C
<b>OVERCOATING TIME</b>	:	16 hours in normal conditions
<b>RECOMMENDED PAINTING SYSTEM</b>	:	<b>Ferrous</b> 1 coat of Crystalux A/C Primer 1 coat of Crystalux Undercoat 2 coats of Crystalux Alkyd Resin Enamel  <i>Note: For other coating systems, please consult our Sales Representative</i>
<b>CLEANING</b>	:	All equipment should be cleaned with Bodelac 9000 GP Reducer immediately after use
<b>GENERAL INFORMATION</b>		
<b>CONFORMITY</b>	:	Crystalux A/C Primer is certified under TÜV SÜD PSB Product Listing Scheme to SS 494:2001
<b>SOLID CONTENT</b>	:	70 ± 2% by weight (based on white colour)
<b>DENSITY</b>	:	1.35 ± 2% kg/litre (based on white colour)
<b>PACKING</b>	:	5 litres
<b>STORAGE</b>	:	Store in a tightly sealed container in a cool dry place
<b>SHELF LIFE</b>	:	Up to 24 months in a tightly sealed container

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**PRECAUTION** : Ensure good ventilation during application and drying of paint. Avoid direct contact with sensitive skin. Use appropriate personal protective equipment.  
Refer to the product Safety Data Sheet for more information

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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