

PRODUCT NAME :	KANSAI PLC 154 WP
DESCRIPTION :	<i>KANSAI PLC 154 WP is a two-component, thin-film primer or etching pre-treatment that can be applied over non-ferrous metals such as galvanized steel or aluminum surfaces. It promotes adhesion and eliminates the need to abrasive blast prior to painting.</i>
RECOMMENDED USE :	<i>KANSAI PLC 154 WP is recommended for ferrous and non-ferrous metal surfaces, a pre-treatment to promote adhesion over non-blasted surfaces. It is an ideal conditioner for galvanized steel and aluminum surfaces to render them receptive to organic coatings.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Good abrasion resistance</i> • <i>Adhesion – Excellent adhesion over wide range of substrates</i> • <i>Top-coat – can be top-coated with most generic types of top-coats</i> • <i>Very good flexibility</i> • <i>Fast dry – Very short top-coating time</i>
PHYSICAL PROPERTIES	
<i>FINISH</i>	<i>Matt</i>
<i>COLOUR</i>	<i>Yellowish Green</i>
<i>NO. OF COMPONENTS</i>	<i>Two</i>
<i>VOLUME SOLIDS</i>	<i>10 %</i>
<i>MIXING RATIO</i>	<i>4 Part A to 1 Part B by volume</i>
<i>RECOMMENDED THICKNESS</i>	<i>12 microns DFT per coat</i>
<i>THEORETICAL COVERAGE</i>	<i>8.3m²/litre @ 12 microns DFT</i>
<i>NO. OF COATS</i>	<i>One</i>
<i>RECOMMENDED DRYING TIME</i>	<i>Top-coating : 30 minutes</i>
<i>PACKING SIZE</i>	<i>5 litres : Part A – 4 litres Part B – 1 litre</i> <i>20 litres: Part A – 16 litres Part B – 4 litres</i>
<i>POT LIFE</i>	<i>6 hours at 300C (varies with temperature)</i>
<i>TEMPERATURE</i>	<i>Continuous : 82°C</i>
<i>RESISTANCE (DRY)</i>	<i>Non-continuous : 93°C</i>
LIMITATIONS	<i>KANSAI PLC 154 WP is not recommended for immersion service and chemical exposure without suitable top-coat.</i>

SURFACE PREPARATION	<p>Remove oil or grease from surface to be coated with clean rags soaked in KANSAI PLC Cleaner #72 in accordance with SSPC-SP1.</p> <p>Steel :</p> <p>Apply over clean dry and contaminant free surface. Oxidised surfaces should be lightly sanded to remove loose materials.</p>
MIXING	<p>Pre-mix Part A thoroughly and slowly add Part B under continuous agitation. Insufficient pre-mixing may reduce the pot-life of the mixed material.</p>
THINNING	<p>Thin not more than 20% by volume with KANSAI PLC Thinner #79 for workability.</p>
APPLICATION	<p>Do not apply when surface temperature is less than 3°C above the dew point. KANSAI PLC 154 WP can be applied using conventional or airless spraying equipment. Spray in parallel passes and overlaps 50% with each pass of the gun. Excessive dry film thickness may affect the product performance.</p>
DRYING	<p>The drying time will be lengthened by excessive thickness. To ensure proper drying, always apply coating at recommended thickness.</p>
TOP-COAT	<p>Top-coats shall be applied 30 minutes after application of KANSAI PLC 154 WP. The top-coat shall be applied as soon as possible to avoid contamination of primed surfaces.</p>
CLEANING	<p>Clean all application tools with KANSAI PLC Cleaner #72 immediately after use.</p>

For further information on Product Data, please contact:

Protective Coatings Sales Department

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DISCLAIMER :

The information in this sheet is provided to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond the manufacturer's control, it is the sole responsibility of the buyer to obtain confirmation from the manufacturer on the suitability of the product for the intended use. Therefore, the manufacturer can accept no liability for the performance of the product, or any loss or damage arising out of such use. The information detailed in this data sheet is subject to change without notice in light of experience and of normal product development.