

PLASCOZINC 3 PRIMER

PRODUCT CODE: PZO 3 Base & PZO 33 Curing Agent

TECHNICAL DATA SHEET

Product Description	A two component zinc rich epoxy primer.																										
Intended Uses	<ul style="list-style-type: none">• An organic zinc primer for use in new construction and maintenance.• For use as a high quality anti-corrosive primer for aggressive environments including those found in port and harbour installations, industrial and chemical plants.																										
Features & Benefits	<ul style="list-style-type: none">• High Zinc content, contains 81% zinc metal in the dry film• Provides galvanic protection to underlying steel.• Prevents under-creep corrosion.																										
Product Information	Colour	Grey																									
	Volume solids	65%																									
	Recommended DFT	Min: 50 µm to 75 µm DFT.																									
	Recommended WFT	Min: 77 µm to 115 µm WFT.																									
	Spreading Rate	(Theoretical): 10.8 m²/L at 60 µm DFT.																									
	VOC	269 g/L																									
	Flash point	24 °C																									
Application Details	Mixing Ratio	4 parts base (PZO 3) to 1 part curing agent (PZO 33) by volume																									
	Mixing	The contents of the containers must be well mixed before the two components are combined. Final mixing should be under a mechanical mixer which will ensure thorough mixing. NOTE: Continuous agitation is required to ensure prevention of settling of the heavy zinc dust.																									
	Method	<u>Airless spray:</u> using the material unthinned: Tip Size: 0.019” – 0.023” <u>Conventional spray:</u> (Agitated pressure Pot): Max 15m hose with I.D. 10mm min. It is recommended that the pot be kept at the same height or higher than the gun for easier application Gun : DeVilbiss MBC or JGA Air Cap 704 or 765 Fluid Tip : E <u>Brush:</u> Recommended for small touch up areas/stripe coats only <u>Roller:</u> Not recommended																									
	Thinner	Ready for use. Can be thinned up to 10% with EPOXY REDUCER (EPT 2) if necessary. Avoid over-thinning as this could result in sagging.																									
	Cleaner	EPOXY REDUCER (EPT 2)																									
	Pot Life	5 hours at 23 °C																									
	Application Environment	<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><tr><td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 30%</td></tr><tr><td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85 %</td></tr><tr><td colspan="3">Or 3 °C min. above dew point</td></tr></table>				Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 30%	Max: 40 °C	Max: 40 °C	Max: 85 %	Or 3 °C min. above dew point												
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Storage and Packaging	Store away from direct sun, heat, open flames, sparks or severe cold. Shelf life: 12 months Dual Pack: 5L unit: 4L in a 5L container Base (PZO 3) 1L unit: 1L in a 1L container Curing Agent (PZO 33)																										

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Surface Preparation	<p>All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504 -1:2000 and 8504 -2:2000</p> <p>MILD STEEL:</p> <ul style="list-style-type: none"> The surfaces to be over-coated must be clean, dry and free from contamination. Oil and grease should be removed using PLASCON AQUASOLV DEGREASER (GR1) followed by clean water rinses. Soluble chloride content may not exceed 75mg per m². Dust and debris not to exceed 0, 3% when tested in accordance with SANS test method 769. Abrasive blast-clean to SA 2½ of the International standard ISO 8501-1:2007 to achieve an angular blast profile 50 -75 microns. Where isolated mechanical damage has occurred mechanically abrade to Grade ST 3 of ISO 8501-1:2007. NOTE: This is only applicable to small isolated damaged areas The primer must be applied before oxidation of the steel occurs. If oxidation does occur the entire oxidised area should be re-blasted to the standard specified above.
Application	<ul style="list-style-type: none"> Apply 1 coat at the recommended DFT
Caution	<ul style="list-style-type: none"> This product will only resist temperatures up to 200 °C Over-coat as soon as possible; refer to drying time table. Alkyd topcoats must not be used directly onto PLASCOZINC 3.
Safety Precautions	<ul style="list-style-type: none"> Always keep paint out of reach of children. Ensure good ventilation during application and drying. If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. Harmful if swallowed. Seek medical attention and do not induce vomiting. Do not smoke while painting. Flammable. Store in a cool dry place away from heat and sparks. Refer to Safety Data Sheet for complete information.
Shipping Weight	<p>UN Shipping No: 1263</p> <p>Dual Pack: 5L - 12,086 kg (PZO 3), 1L - 0.9304 kg (PZO 33)</p>

DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

KANSAI PLASCON (PTY) LTD

10 Frederick Cooper Drive,
Factoria, Krugersdorp
South Africa
1739.
Tel: +27 11 951 4500
Fax: +27 800 110 932

PLASCON ADVISORY SERVICE: 0860 20 40 60

EMAIL: advice@kansaiplascon.co.za