

PLASCOLINE BLAST HOLDING PRIMER

PRODUCT CODE: PEX 1030 Primer (Base) & PEH 1030 (Curing agent)

TECHNICAL DATA SHEET

Product Description	A blast holding primer for protection of blasted steel until topcoat application.																						
Intended Uses	<ul style="list-style-type: none">Protection primer for blasted steel (holding primer) until application of PLASCOLINE 1000 EPOXY PHENOLIC TANK LINING (PEX 1000 series).Suitable for industrial systems as structural steel, tanks and piping for immersion and non-immersion services.Forms durable coating systems with a wide range of topcoats for immersion services and interior of tank lining paint systems.Suitable as intermediate coat over zinc ethyl silicate primers to avoid popping formation.																						
Features & Benefits	<ul style="list-style-type: none">Excellent adhesion to mild steel, aluminium, galvanised steel and a wide range of intact aged coatings.Can be applied over mechanically cleaned steel.Can be over coated with a wide range of topcoats, epoxy, coal tar epoxy, acrylic and polyurethane.																						
Product Information	Colours	White																					
	Appearance	Matt																					
	Volume solids	45% (ISO 3233)																					
	SG	1,34 Kg/L																					
	Recommended DFT	25 – 30 µm per coat																					
	Recommended WFT	56 – 67 µm per coat																					
	Theoretical Spreading rate	15 m²/L at 30µm DFT per coat																					
	VOC (Mixture)	488 g/L																					
	Flash Point (Closed Cup)	Base: 14 °C ,Curing Agent: 24 °C																					
Application Details	Mixing ratio	Volume: 4 parts PEX 1030 (Base) to 1 part PEH 1030 (Curing agent).																					
	Mixing	Stir both components separately with a power mixer until homogeneous. Add the curing agent to the base and mix thoroughly together for 3 minutes. Mix only in proportions shown above. Do not split packs.																					
	Method	Airless spray: Fluid tip orifice size 0,013 – 0,017 thou Fluid pump 30 : 1 Fluid pressure 150 – 170 kg/cm²																					
	Thinner	Not recommended																					
	Cleaner	EPOXY REDUCER (EPT 2)																					
	Pot life	6 hours @ 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: 10%</td></tr><tr><td>Max: 40 °C</td><td>Max: 50°C</td><td>Max: 80%</td></tr><tr><td colspan="3">Or 3 °C above dew point</td></tr></table>		Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10°C	Min: 10%	Max: 40 °C	Max: 50°C	Max: 80%	Or 3 °C above dew point										
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	Drying Time @ 30 µm DFT	Drying times are dependent on temperature, ventilation and film thickness.																					
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Storage & Packaging	Store away from direct sun, heat, open flames, sparks or severe cold. Shelf life: 12 months Dual Packs: 20L unit: 16L in a 20L container Base 4L in a 5L container Curing Agent																						

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Surface Preparation	<p>All surfaces to be coated should be clean, dry and free from contamination.</p> <p>MILD STEEL:</p> <ul style="list-style-type: none"> Remove greases and oils with PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses. Surface preparation is abrasive blast cleaned to Sa 3 of the International Standard ISO 8501-1: 2007 to achieve a surface profile between 40-70 µm. Over ethyl silicate primer: - Coating must be fully cured and free of zinc and chloride salts. Remove all contamination. Soluble chloride content may not exceed 75 mg/m²
Caution	<ul style="list-style-type: none"> Apply as soon as possible after surface preparation to prevent any contamination or re-oxidation of the substrate.
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: 16L Base. 4L Curing agent</p>

DISCLAIMER:

The recommendations contained herein are given in all 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.

N.B: 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

