

PLASCOGUARD GEHOPON 3000 WB SERIES

PRODUCT CODE: GW 3000 Series

TECHNICAL DATA SHEET

Product Description	Two component water borne epoxy coating.													
Intended Uses	<ul style="list-style-type: none"> For interior use only. Can be used on a number of different substrates including correctly primed wood, steel, galvanised iron, fibre cement, cement plaster and concrete. For use in warehouses, cellars, factories, food processing plants, cold rooms, street tunnels, showroom floors, ablutions, industrial kitchens, conventional and nuclear power stations. Classification: Light Traffic floor coating. 													
Features & Benefits	<ul style="list-style-type: none"> Resistant to various chemicals, oil and leaded petrol. Extremely tough and scrub resistant. Approved by French and German nuclear research centres in Aix-en-Provence. In the event of radio active fall out PLASCOGUARD GEHOPON 3000 WB (GW 3000 SERIES) can be easily decontaminated. 													
Product Information	Appearance	Semi Gloss												
	Colours	White (GW 3001), MTN Yellow (GW 3123) plus a limited range of colours.												
	Generic type	Water based epoxy												
	Volume Solids	55 %												
	S G	1,30 kg/L												
	Recommended DFT	40 – 80 µm												
	Recommended WFT	73 – 146 µm												
	Theoretical spreading rate	9.2 m ² /L at 60 µm DFT and stated volume solids												
	VOC	≤ 35 g/L												
Application Details	Mixing	Material is supplied in two containers as a unit. Always mix complete unit in proportions supplied. Once the unit has been mixed it must be used within the working pot life specified. Mix Base (part A) and Curing Agent (part B) separately with power agitator and then combine entire contents of Curing Agent with Base and mix thoroughly with power agitator. Mixing ratio: 5:1 by mass												
	Pot life	2 Hours at 23 °C												
	Method	Airless spray is recommended. Other suitable methods are brush or roller. <u>Airless spray:</u> Nozzle range 15 – 21 thou. Total output fluid pressure at spray tip not less than 1800 psi <u>Brush or roller:</u> Typically 40 – 80 µm can be achieved.												
	Thinning	Use clean water. Thin to a maximum of 5% with water if required.												
	Cleaning	Clean all equipment immediately after use with clean water. Do not allow product to remain in hoses, gun, or spray equipment. Thoroughly flush all equipment with clean water. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages, work recommence with freshly mixed units.												
	Drying time	Touch dry: 1 h Over coating: Min: 24 h, Max: Indefinite												
	Application Environment	<table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min.: 10°C</td> <td>Min.: 10 °C</td> <td>Min: 10%</td> </tr> <tr> <td colspan="3">or 3 °C min. above dew point</td> </tr> <tr> <td>Max.: 35 °C</td> <td>Max.: 35 °C</td> <td>Max.: 85 %</td> </tr> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min.: 10°C	Min.: 10 °C	Min: 10%	or 3 °C min. above dew point			Max.: 35 °C	Max.: 35 °C	Max.: 85 %
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Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5L (5,63 kg) base (Part A) : 1L (1,27 kg) curing agent (Part B)													

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Surface Preparation	<p>Concrete and cement plaster:</p> <ul style="list-style-type: none"> • The moisture content of the concrete floor must be less than 5% when measured by the Doser Hygrometer BD 4 scale • The surface must be free from grease, oil, mud, shutter release agent, mould oils and foreign materials. • High speed Diamond Grind to remove laitance, membranes and curing additives or vacuum shot blast to create a profile of CSP3 or less. • Apply PLASCOGUARD GEHOPON 7 SEALER (GW 7) Allow 24 hours prior to overcoating. <p>Mild steel:</p> <ul style="list-style-type: none"> • Clean with AQUASOLV DEGREASER (GR 1) and "Scotch Brite" scourers. Rinse with clean water. • Prime with PLASCOGUARD ZINC PHOSPHATE EPOXY PRIMER (PEX 75). <p>Galvanised iron:</p> <ul style="list-style-type: none"> • Clean with GALVANISED IRON CLEANER (GIC 1). Rinse with clean water until a water break free surface is achieved. • Prime with EPIWASH STRONTIUM CHROMATE PRIMER (AW 255).
Application	<ul style="list-style-type: none"> • Apply 2 coats by airless spray, brush or roller application to the recommended DFT.
Cautions	<ul style="list-style-type: none"> • After the pot life has expired the material will appear to be usable, if used the coating will not reach full cure. • Curing times will vary depending upon film thickness, temperatures and conditions that exist during application and curing periods. • Premature exposure to ponding water could cause colour change and softening back. • Only designed for interior use. NOTE: As is the case with all Epoxies, this product will "Yellow" when subjected to UV, artificial and Natural Light.
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. • Refer to Safety Data Sheet for complete information.

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.

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.

N.B: 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