



PLASCOGUARD GEHOPON 3000 WB SERIES

PRODUCT CODE: GW 3000 Series

PRODUCT DATA SHEET NO: IN-52

DATE: MARCH 2010

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	Two component water borne epoxy coating which is scrub resistant, extremely tough and also resistant to certain chemicals, oils and leaded petrol.													
Intended Uses	<ul style="list-style-type: none">• Can be used on a number of different substrates including correctly primed wood, steel, galvanised steel, fibre cement, cement plaster and concrete.• For use in warehouses, cellars, factories, food processing plants, cold rooms, street tunnels, conventional and nuclear power stations. Classification: Light Traffic floor coating.													
Features	<ul style="list-style-type: none">• Resistant to various chemicals, oil and leaded petrol.• 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) and a limited range of colours.												
	Generic type	Water based epoxy												
	Solids	54 – 58 %												
	S G	1,30 kg/ℓ												
	Recommended DFT	40 – 80 µm, equivalent to 71 – 142 µm wet												
	Theoretical spreading rate	9,3 m ² /ℓ at 60 µm DFT and stated volume solids												
	Flash Point	Non-flammable												
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.												
	Pot life	60 minutes at 25 °C												
	Method	Airless spray is recommended. Other suitable methods are brush or roller. Airless spray: Nozzle range 0,38 – 0,58 mm. Total output fluid pressure at spray tip not less than 1800 p.s.i.												
	Thinning	Brush or roller: Typically 40 – 55 µm can be achieved.												
	Cleaning	Use clean water. Thin to a maximum of 5% with water if required. Clean all equipment immediately after use with clean water.												
	Substrate	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. Concrete, cement plaster or suitably primed steel and galvanised steel surfaces.												
	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 2 °C min. above dew point</td></tr><tr><td>Max.: 40 °C</td><td>Max.: 40 °C</td><td>Max.: 85 %</td></tr></tbody></table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min.: 10°C	Min.: 10 °C	Min: 10%	or 2 °C min. above dew point			Max.: 40 °C	Max.: 40 °C	Max.: 85 %
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	Drying time	Touch dry 1 h Recoating 16 h minimum Dry to handle 24 h												
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5 ℓ (5,63 kg) base (Part A) : 1 ℓ (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.• Remove surface laitance whatever method is practical. Carborundum or Diamond Grinding is preferred or in some cases acid etching can also be used.• Apply PLASCOGUARD GEHOPON 7 SEALER (GW 7) Allow 24 hours prior to overcoating. <p>Steel and galvanised steel:</p> <ul style="list-style-type: none">• These substrates must be prepared and primed with appropriate primers prior to application of PLASCOGUARD GEHOPON 3000 WB (GW 3000 SERIES).• When concrete hardeners, curing membranes or other additives have been used, remove by Porta Shot Blasting.
Application	<ul style="list-style-type: none">• Apply by Airless spray, Brush or roller application as detailed in "Application Details"
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 Material 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.

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