

PLASCOGUARD GEHOPON 7 SEALER

PRODUCT CODE: GW 7

TECHNICAL DATA SHEET

Product Description	A two component solvent based epoxy sealer.													
Intended Uses	<ul style="list-style-type: none"> A sealer that penetrates and consolidates a variety of loose friable, coarse grained or porous surfaces such as concrete, plaster, asbestos cement, fiber cement and wood. Most commonly used as a primer/sealer coat to concrete, cement plaster surfaces to be over coated with epoxy, polyurethane acrylic or alkyd systems (enhances and strengthens cementitious surfaces). 													
Features & Benefits	<ul style="list-style-type: none"> Exhibits excellent adhesion to substrates so impregnated. High penetration properties. 													
Product Information	Appearance	Matt												
	Colour	Transparent Green												
	Generic type	Epoxy												
	Solids (before thinning)	18 – 22 %. (typical) by volume												
	S G	0,94 (typical)												
	Recommended DFT	Dry film thickness is not specified, as the product should be applied in such a manner that all material is absorbed into the surface and does not leave a distinct glossy film.												
	Theoretical spreading rate	11.7m ² /L @ 18µm												
	Practical spreading rate	The coverage depends upon the porosity of the substrate and must be determined by the user. (approximately 6m ² /L												
	VOC	660 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 mechanical agitator. Mixing Ratio: 5 parts Base to 1 part Curing Agent by mass.												
	Pot life	16 Hrs @ 25 °C												
	Method	Block brush, mohair roller.												
	Thinning	DO NOT THIN												
	Cleaning	Clean all equipment immediately after use with GP EPOXY REDUCER (EPT 1) . 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: 2 Hrs @ 23 °C Over coating: 12 Hrs @ 23 °C												
	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">Must be a minimum of 2 °C 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%	Must be a minimum of 2 °C above dew point.			Max: 40 °C	Max: 40 °C	Max: 85%
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Storage and Packaging	Store away from direct sun, heat and severe cold.													
	Packaging:													
	5 ℓ unit: Base 4, 14 ℓ in a 5 ℓ container. Curing Agent: 0, 86 ℓ in a 1 ℓ container.													
	20 ℓ units: Base 16, 55 ℓ in a 20 ℓ container. Curing Agent: 3, 45 ℓ in a 5 ℓ container.													

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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 with the Doser Hygrometer BD 4 scale. For heavy duty cleaning of surface contaminants on unpainted surfaces or solvent based coatings (older than three months), such as oil, grease and chalkiness, use AQUASOLV DEGREASER (GR 1). Rinse using a high pressure water jet or with copious amounts of water, scrubbing clean with bristle brooms/brushes to obtain a water break-free surface. Allow to dry completely. Remove surface laitance by whatever means is practical. High speed Vacuum Diamond Grinding is fast and used to remove laitance and previous coats as well as when thin film top coats are specified. Porta shot blast can be used as an alternative to diamond grinding where high build topcoats are specified. Remove all dust from the surface, preferably by vacuum cleaning. New cement plaster walls and ceilings must be allowed to cure for at least 28 days (Moisture content must be less than 8% when measured with a Dozer Hygrometer BD2 Scale) prior to coating with PLASCOGUARD GEHOPON 7 SEALER (GW 7). <p>Note:</p> <ul style="list-style-type: none"> When concrete hardeners, curing membranes or other additives have been used, remove by Porta Shot Blasting.
Application	<ul style="list-style-type: none"> PLASCOGUARD GEHOPON 7 SEALER (GW 7) should be applied in such a manner that all material is absorbed into the substrate and does not leave a distinct glossy film. Film thickness and theoretical coverage can not be determined; due to the porosity of the substrate and that the coating must totally penetrate the substrate. If after application, "glossy" patches are evident; these areas must be abraded to a matt finish prior to application of a top coat.
Cautions	<ul style="list-style-type: none"> Ensure that adequate ventilation is available before application of product. Curing times will vary depending on film thickness, temperatures and conditions that exist during application and curing periods. Low substrate and air temperatures experienced during the winter months WILL retard the curing of this product.
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 applying or mixing product. In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation. Flammable. Store in a cool dry place away from heat and sparks. 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: O ORDER: Quote product name, product code number, packaging and colour.

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