

# BG Coatings **Datasheet**



## APEX – HEAVY DUTY CONCRETE SEALER

**PRODUCT CODE: A-C - SERIES**

**TECHNICAL DATA SHEET NO: A-C-1**

**DATE: MARCH 2022**

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

<b>PRODUCT DESCRIPTION</b>	A high performance solvent base acrylic sealer.	
<b>INTENDED USES</b>	<p>APEX Heavy Duty Concrete Sealer is a tough durable finish which deep penetrates into substrates and provides coated surfaces with long maintenance free life cycles.</p> <p>APEX Heavy Duty Concrete Sealer is available in clear which restore and enhance natural substrate colours.</p> <p>APEX Heavy Duty Concrete Sealer is available in selective colours designed to recolour, rejuvenate, seal and protect new and old stained concrete and paved surfaces.</p> <p><u>Areas of use:</u></p> <ul style="list-style-type: none"><li>• Domestic &amp; Residential Applications.</li><li>• Paths &amp; Walkways.</li><li>• Garage Floors.</li><li>• Driveways.</li><li>• Car Parks, Shopping Centres.</li><li>• Showrooms &amp; Workshops.</li><li>• Warehouses &amp; Factories.</li><li>• Vehicle workshops, fuel stations or factory floors exposed to most petrochemicals.</li></ul>	
<b>FEATURES &amp; BENEFITS</b>	<ul style="list-style-type: none"><li>• Highly Durable.</li><li>• Long term UV stability.</li><li>• Resistant to fading.</li><li>• Non yellowing.</li><li>• Excellent water resistance.</li><li>• Excellent stain resistance.</li><li>• Durable and resistant to mild alkalis and most petrochemicals.</li></ul>	
<b>PRODUCT INFORMATION</b>	Appearance	Gloss.
	Colour	Available in Clear, Black, Basalt, Beach Sand, Light Grey, Mid Grey, Lime Stone, Terracotta, Cove and colour tints upon request.
	Generic type	Acrylic.
	Flash point	25°C

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## Apex – Heavy Duty Concrete Sealer

### APPLICATION DETAILS

Mix components well with a flat paddle or power agitator until completely homogeneous. Remix thoroughly before application.

For colour applications mix 13 lt. APEX Heavy Duty Concrete Sealer Clear with 2 lt. Colour tint. Ensure that a homogeneous colour is achieved, without any colour streaking.

Thinner: BG Floor - Heavy Reducer & Thinner.

Clean up: BG Floor - Heavy Reducer & Thinner.

Application equipment:

Roller - 230 x 9mm solvent resistant nap.

Application Environment:

Surface Temperature	Ambient Temperature	Relative Humidity
Min: 10 °C	Min: 10 °C	Min: 10%
Max: 40 °C	Max: 40 °C	Max: 85 %
• minimum 3 °C above dew point.		
• Substrate - <5% moisture content.		

Minimum dry film thickness: 65µm

Drying times:

Touch dry: 30 min @ 25°C

Recoat: 2 - 4 h @ 25°C

Walk able (light traffic) - 24 h.

Full cure: 7 days.

\* Drying times will be extended at cooler temperatures and high humidity.

For optimum performance the following guidelines apply:

1. First apply Deep penetrating sealer coat at recommended dilution rate for specific substrate type, to obtain a sound matrix, follow by...
2. Un-diluted Top Coat to finish the system and achieve maximum attributes and longevity.

Surface Condition	1 <sup>st</sup> Coat Dilution
Previously Sealed, Compatible Surfaces	0 - 10%
Rough Stipple Finish Concrete	20%
Smooth Steel Trowelled Concrete	50%

3. BG Floor - Anti Slip Additive may be added to improve traction of sloping surfaces and surfaces which may become slippery due to wet conditions.

Without the addition of anti-slip additive, APEX Heavy Duty Concrete Sealer may not be suitable for steep, smooth surfaces of high traffic ability.

*Refer to APEX – Heavy Duty Concrete Sealer Application Guide for more information.*

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Coverage/ spreading rate: Approximately 4 to 6m<sup>2</sup> per litre per coat. This coverage depends on the porosity of the substrate. The first coat will penetrate and then the subsequent coats should require less sealer.

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Apex – Heavy Duty Concrete Sealer

## **SAFETY PRE-CAUTIONS**

For complete safety and handling information please refer to the appropriate Safety Data Sheets prior to using the product.

### Storage:

Store as required for a flammable liquid Class 3 in a bunded area under cover. Store in well-ventilated area away from sources of heat or ignition. Keep containers closed at all times.

### Handling:

As with any chemical, ingestion, inhalation and prolonged or repeated skin contact should be avoided by good occupational work practice. Eye protection approved to AS1337 must be worn while handling. Always wash hands before smoking, eating, drinking or using the toilet.

### During application:

Use with good ventilation and avoid inhalation of spray mists and fumes. When spraying, wear combined organic vapour/particulate respirator. Users must always comply with their respective State Spray Painting Regulations at all times.

### Flammability:

This product is flammable. All sources of ignition must be eliminated in, or near the working area. DO NOT SMOKE. Fight fire with foam, CO2 or dry chemical powder. On burning will emit toxic fumes.

## **STORAGE AND PACKING**

Shelf Life: 12 months at 25°C - from date of manufacture. Subject to inspection thereafter.

Store in dry conditions out of direct sunlight away from source of heat or ignition. Store at temperature between 5 and 35°C

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## **PACK SIZE**

Apex - Heavy duty Concrete Sealer - Gloss	- Single Pack	- 20 lt.
Apex - Heavy duty Concrete Sealer - Tintable Gloss	- Single Pack	- 13 lt.
Apex - Heavy duty Concrete Sealer - Colour Tint	- Single Pack	- 2 lt.

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## **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.

## **MANUFACTURED BY BG COATINGS**

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