



# KNOW YOUR CONCRETE FAQs

BGC CONCRETE IS COMMITTED TO A LOWER CARBON FUTURE.

**BGreen Concrete is the next step in a two decade journey to create a range of Low Carbon Concrete (LCC) products to cover many concrete applications, from residential footpaths to high-rise buildings.**

BGreen is a lower carbon concrete with excellent performance benefits, plastic placement and finishing properties similar to conventional concrete.

**SAME COMMITMENT. NEW NAME.**

## 1. WHY BGREEN CONCRETE?

To help you choose the right low carbon concrete for your project.

- Ideal for Green Star projects.
- The new labels explain the percentage of GP cement replacement.
- The more GP cement replacement helps to reduce the overall carbon dioxide (CO<sub>2</sub>) emissions.

## 3. HAS THE GREEN STAR CONCRETE CHANGED?

**No, it is the same GB cement using GGBFS (Slag) as the SCM.**

- The new name and new logo is an extra way for you to choose the right concrete for the right application.
- Concreters, builders and others are likely to continue to call this concrete Green Star or blended cement, so it should always be clear what amount of GP replacement is required. The labels are simply another way to make it easier to choose the right concrete for the right application.

## 2. WHAT DO THE NUMBERS MEAN?

Different numbers are used to describe how much GP cement has been replaced with supplementary cementitious material (SCM).

- The number in the square indicates the amount of GP cement replaced.
- The GP cement replacements can be used in all grades of concrete.



## 4. WHY DON'T WE USE BGREEN CONCRETE INSTEAD OF 100% GP CEMENT ALL THE TIME?

- Concrete with SCMs have good durability properties but have slower set times and slower strength gains than 100% GP.
- This can be an advantage in summer and has already made the BGreen Concrete range the choice for house slabs and footings during the summer months.
- The slow set time can be a disadvantage for certain applications such as suspended slabs, PT slabs or tilt up panels, which are typically 100% GP cement.

For more information please visit  
[bgcconcrete.com.au](http://bgcconcrete.com.au)

