

**Allied**Concrete

# READY Glow

Bringing concrete  
to life.





# Ambient concrete to brighten up your nights

Allied Concrete's Ready Glow uses the most powerful glow stones in the world, these stones are formulated to provide a long, bright glow.

Ready Glow can be combined with Ready Exposed and Ready Colour solutions and can be easily applied both inside and outdoors with little performance variation.

## Where to use it

Ready Glow can be used to add unique design elements and adds a functioning, self powering renewable light source for any type of decorative concrete application.

- Interior floors
- Driveways
- Kerbs
- Patios
- Pools
- Pool surrounds
- Balconies
- Landscaping
- Stairs
- Safety in low light areas

## Benefits

- Self functioning light source
- Works under daylight and artificial light such as halogen or fluorescent
- Increases safety in low light areas

**RE**ADYGlow



# Range

## Ready Glow stones

Glow stones are great for large or small areas where visual impact from a distance is important.

### Size

- 6mm - 9mm
- 11mm - 14mm
- 16mm - 19mm

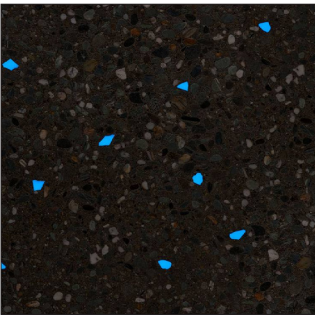
### Colours

- Yellow Green
- Sky Blue
- Aqua Blue

### How much to use?



500mm x 500mm sample with a dose equivalent to 100g/m².



500mm x 500mm sample with a dose equivalent to 150g/m².

## Ready Glow discs

Glow discs are specially designed to act as passive light sources.

These glow in the dark discs increases safety in low-light areas and can be easily affixed to any surface using a screw or nail.

- Pack size:** 20
- Size:** 35mm diameter
- Colours:** Yellow Green and Sky Blue

## Ready Glow domes

These glow-in-the-dark domes increase safety in low-light areas and after only 10 minutes of sunlight will glow for over 15 hours!

They can be easily affixed to any surface using a screw or nail.

- Pack size:** 20
- Size:** 25mm diameter
- Colours:** Yellow Green and Sky Blue

# Material profile

Ready Glow is a high performance, non toxic, photo luminescent aggregate specifically formulated for use with decorative concrete.

- **Non - radioactive**  
Non toxic and safe for use in all types of environments.
- **Outstanding luminosity**  
Exposure to 40 seconds of direct sunlight produces an afterglow of over 20 hrs.  
Exposure to daylight (indirect sunlight) for 10 minutes produces an afterglow of up to 20 hrs.  
Exposure to artificial light such as Halogen or Fluorescent for approximately 10 - 30 minutes produces an afterglow of up to 20 hours.
- **Performance**  
The luminosity of the aggregates is dependent on actual particle size and can reach an initial intensity burst of 3612 mcd/m2 @ 1 minute and then begin degrading once removed from light source
- **Stability of physical and chemical properties**  
Ready Glow works between +500 degrees Celsius and -20 degrees Celsius.  
It is resistant to high and/or extended exposure to ultraviolet radiation and does not discolour under 300 watt high mercury lamp or 1000 hours at 35 degrees Celsius -40 degrees Celsius, 80% humidity.  
Ready Glow is unaffected by most chemicals and performs even in the worst outdoor conditions.





# Product applications

## Ready Glow applications

Ready Glow products can be used in various applications including but not limited to the following:

- Hand-broadcasted/seeded onto concrete surfaces similar to seeding color flakes and recycled glass.
- Used inside of your formwork by spraying adhesive on the inside of your formwork then seeding with Ready Glow stones.
- Mixed directly into overlay mixes.

## Ready Glow can also be

- Ground and polished to any level of finish from external pathway 100 grit to mirror 3000 grit.
- Sealed as you would usually seal your concrete projects (this product works very well with both water and solvent-based mixes).

## FAQ'S

### What is the life span of Ready Glow?

Ready Glow will continue to function in a cementitious or resin-epoxy matrix for 15+ years.

### Is Ready Glow toxic?

Ready Glow is a non-toxic, non-radioactive photo luminescent aggregate.

### What types of surfaces can the Ready Glow stones be used for?

Wherever you would like a unique design element and/or functioning renewable ambient light source. Applications include:

- Exterior: walls, patios, paths, stairs, driveways, concrete furniture
- Interior: floors, walls, exits, stairs

### What colour is the Ready Glow during the day?

Ready Glow is off-white/light yellow in colour allowing it to blend seamlessly into surfaces.

### Can you use Ready Glow to create shapes or logos?

Yes. Ready Glow is ideal for this.

### Can you use Ready Glow as an effective marker?

Ready Glow Domes and Discs are ideal solutions for providing a renewable ambient light source.

The logo for Allied Concrete features the word "Allied" in a bold, white, sans-serif font, with a stylized orange and white graphic element to its left. Below "Allied" is the word "Concrete" in a larger, white, sans-serif font.

# Allied Concrete

Consult your Allied Concrete  
representative for specialised  
information.

**0800 4 ALLIED**

0800 425 5433

**[www.alliedconcrete.co.nz](http://www.alliedconcrete.co.nz)**