

TECHNICAL INFORMATION

TOPTINT GLOW / TOPTINT GLOW+

Luminescent particles for aesthetic concretes.

Tarmac Toptint Glow is based on Chryso's lumintech technology under a pending patent.

Toptint Glow has the property of absorbing UV light (natural and artificial) during the day, re-emitting it at night. The chippings are made with a re-cycled composite luminescent material, unlike other luminescent chippings, the light is absorbed into the body of the particle rather than just into a surface coating.

There are 3 Toptint Glow day colours.

- Toptint Glow White
- Toptint Glow Stone
- Toptint Glow Light Grey

These three day colours are designed to blend in with the natural aggregates used, revealing the concrete's glow aesthetic at night.

Day Colour	White	Night Colour	Blue
Day Colour	Stone	Night Colour	Turquoise
Day Colour	Light Grey	Night Colour	Green T

There are 2 Toptint Glow+ Colours.

Toptint Glow+ Jade	Day Colour - Jade	Night Colour Emitted	Green
Toptint Glow+ Agate	Day Colour - Agate	Night Colour Emitted	Blue

APPLICATIONS

- Exposed aggregate and polished concretes
- Garden paths and walkways
- Patios and terraces
- Swimming pool surrounds
- Pavements, cycle tracks and unlit roundabouts
- Low level lighting pedestrian footpaths

ADVANTAGES

- Toptint Glow particles enhance the aesthetic of any of the applications with a luminescent glow in the dark, creating a pleasant environment with better visibility when dark or in areas of poor lighting
- Ideal for the demarcation of specific areas or zones

METHOD OF USE

- Toptint Glow chippings are spread manually on freshly placed concrete, at a coverage rate of 200g/m² to 450g/m²
- The chippings are then trowelled into the surface of the concrete.
- Chryso Surface deactivator: Dec Lav PO1 with 4/8mm chippings is then applied on to the surface of the concrete once bleed, if occurs, has stopped and Deco Lav PO2 is used with 6/10mm chippings.
- The concrete is then allowed to set, the following morning the deactivator is removed by jet washing the surface. Care must be taken to make sure the wash off is controlled and contained.
- It is advisable to cast a small sample area to test main area is ready for exposure.

PERFORMANCE

- The UV absorption/emission is a day night cycle that occurs without wear or aging of the chippings. Lumintech technology is designed so its luminosity enhanced in low light conditions or preferable in the absence of any false lighting
- With good maintenance regimes the product will retain luminosity for 15 to 20 years

TEST DATA

- See Test Data Sheet

CHARACTERISTICS

- Natural synthetic particles
- Available sizes (mm) 4-8/6-10
- Density (20°C)
- Packaging, 2.5Kg or 12.5Kg tubs

PRECAUTIONS

Before Installing Toptint Glow, make sure that

- The cast area will be exposed to direct UV light exposure during day light hours
- There is no light pollution during darkness, this will impact on the luminescence performance of the chippings
- Chippings to be stored in a cool environment
- Preliminary testing should be conducted to ensure luminescence is satisfactory and meets expectation.
- Only use compatible surface deactivators, Chryso DecoLavP

SAFETY

Refer to Product Safety data sheet.

For more details contact
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