

Technical Information



Phosphorescent Pigments



Long Afterglow

GSS Series

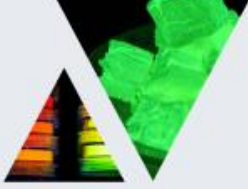
GSS (ZnS:Cu) is zinc sulphide based, cost friendly product with an afterglow between 2-4 hours. This is a "glow in the dark" pigment with light yellow (natural) colour and yellowish green phosphorescence.

| Grade Name | Body Colour | Emission Colour | Particle Size (D50 μm) |
|------------|---|---|------------------------------------|
| GSS* |  |  | 14-23 |
| GSO |  |  | 25 |
| RAS-P |  |  | 25 |

* Also available GSS-NT: with no UV treatment, more pure, suitable for cosmetic application.

Features

- GSS grade are certified with **ECO PASSPORT by OEKO-TEX®**, level III;
- Excited with UV light and daylight
- Water-resistant
- Non-abrasive
- Free from hazardous and radioactive substances



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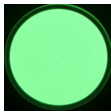












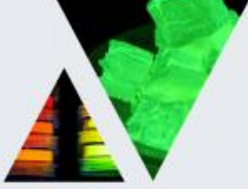
Super Long Afterglow

LumiNova®

Pigments based on Strontium Aluminate activated with Rare Earths Metals, visible in the dark up to 30 hours.

Available in 6 emission colours, and in a wide range of particle size.

| Grade Name | Body Colour | Emission Colour | Particle Size (D50 µm) |
|------------|---|---|------------------------|
| G series |  |  | 1,3-210 |
| BG series |  |  | 2,5-170 |
| B series |  |  | 25 |
| BS series |  |  | 25 |
| V series |  |  | 20 |
| R series |  |  | 15 |



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Features

- Excellent weather resistance
- Excellent Lightfastness
- Free of hazardous and radioactive substances

Waterproof Treatment PS-2

Is specially effective for water based applications or when the pigments are exposed to water and/or moist environments.

Applications

Our pigments can be used in all types of paint, powder coatings, silk-screen inks, enamels, plastics and even porcelain (up to 550 °C).

Let us help you to choose the most suitable product for your project.