



Natureglit[®]

BIODEGRADABLE GLITTER



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Natureglit® biodegradable glitter is an environmentally friendly product line of precision-cut particles crafted from a cellulose-based film. The glitter is known for its high brilliance and fabulous reflection, contributing to a stunning effect while aligning with eco-conscious values. The versatility and superior quality of Natureglit® glitter make it ideal for a wide range of products.

Crafted from a 35 micron brilliant metallized cellulose foil, the Natureglit® product line is available in a vibrant array of colours and particle sizes of 200 and 400 micron (0.008 and 0.015 inches). The cellulose is derived from wood pulp sourced from responsibly managed forests.

Natureglit® glitter particles break down naturally according to the OECD Guideline 301F test method, achieving a biodegradation of > 71% in just 28 days. This makes them a significantly more environmentally friendly choice compared to traditional glitter, which can take much longer to decompose and pollute the environment.

It's important to note that while the glitter itself biodegrades, the product line contains a nonbiodegradable polymer coating. Therefore, full compliance with EU microplastic regulation 2023/2055 depends on the final application of the glitter. To ensure compliance for your specific use, please refer to the regulation details and consult with a qualified expert if needed.

Product benefits

- Environmental friendly biodegradable particles
- Polyethylene Terephthalate free material
- Traditional glitter effect
- In compliance with global regulations for coatings & paints
- Cost effective

Recommended applications



- Spray coating



- Powder coating



- Aerosols



- Cast flooring



- Decorative paints



PRODUCT RANGE

Art. Nr.	Product	Particle Size (µm)					
2165005	Natureglit Silver 015 HEX	400			X	X	
2165015	Natureglit Gold 015 HEX	400			X	X	
2165070	Natureglit Red 015 HEX	400			X	X	
2165025	Natureglit Copper 015 HEX	400			X	X	
2165030	Natureglit Blue 015 HEX	400			X	X	
2165035	Natureglit Purple 015 HEX	400			X	X	
2165040	Natureglit Pink 015 HEX	400			X	X	
2165050	Natureglit Fuchsia 015 HEX	400			X	X	
2165055	Natureglit Green 015 HEX	400			X	X	
2165060	Natureglit Black 015 HEX	400			X	X	
2165065	Natureglit Lavender 015 HEX	400			X	X	
2165105	Natureglit Holo Silver 015 HEX	400			X	X	

Order details

Available packaging

- 5 kg Nett weight
- 25 kg Nett weight

Shelf life

- 2 years in original packaging stored in a closed box under dry conditions

Product data

- Product data sheets and additional technical product information are available on <https://geotech.nl/>

General formulation do's and don'ts

Not suitable for water based formulations

Natureglit® biodegradable glitter is not suitable for water based formulations. However the particles can withstand short-term water contact.

UV stability

Natureglit® biodegradable glitter can be sensitive to UV light. Solvent resistance Natureglit® biodegradable glitter can be sensitive to solvents.

Temperature resistance

Natureglit® biodegradable glitter has a temperature resistance of 150°C.

Concentration

Finished product	Recommended level of use
Decorative coatings	10 - 15 % (topcoats 1 - 3 %)
Cast flooring	1 - 15 %

ABOUT US

Geotech International B.V., founded in 1984, manufactures and distributes special effect pigments. We are a privately owned family business with offices in The Netherlands, France and Turkey. A global sales network serves over 800 customers worldwide with 16 product lines.

Nowadays the company is managed by the third generation, focusing on innovation and sustainability. Since 2020, Ecovadis has awarded GEOTECH's sustainability program a Gold medal every year, placing us in the top 5% of companies assessed by them. A certified quality management system based on ISO 9001 and GMP standards ensures reliability and excellence.

With over 450 special effect pigments in our portfolio we offer a diverse range of products for the coatings & paints industry. An experienced team of specialists is available to provide you with a high level of service and technical support.

GEOTECH's special effect pigments are used globally in various industries to differentiate consumer products by creating attractive and luxurious appearances.



Coatings

Geotech supplies effect pigments for interior and exterior applications, printing inks, aerosols, textile, glass and seed coatings. Pearlescent pigments based on mica, synthetic mica and borosilicate create unique luster and color effects that otherwise occur only in nature. These effects are available from silver-white, red and bronze-colored earth tones and interference to gold luster. Effects from shimmer to glitter are possible, depending on the particle size distribution.



Explore our complete portfolio for the coatings and paints industry at www.geotech.nl



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