

Environmental fact Sheet

Neolith sintered stone is an innovative material with a unique sustainability profile. Design, durability and superior technical properties combined to create kitchen and bathroom countertops, flooring, cladding, facades and furniture.

Neolith addresses comprehensively environmental impacts throughout the product life cycle by ensuring responsible management at every stage of the production process. Priority is given to minimising waste, reducing pollution, preserving natural resources and promoting energy efficiency.

ZERO WASTE

Neolith recovers and recycles more than 96% of the waste generated.

CARBON NEUTRAL

Neolith has achieved carbon neutrality for its main Scopes and has ongoing CO₂ capture R&D projects to achieve Net Zero.

RENEWABLE ENERGY SOURCES

100% of the electricity used comes from renewable sources.

REUSE OF INDUSTRIAL WATER

100% of the water used in the production process is recycled.

ADDITIONAL SUSTAINABLE BENEFITS

Neolith's unique sintering process provides additional sustainable benefits.

Refurbishment: Neolith can be applied directly to existing surfaces. This saves time, cost and generates less waste to be transported and treated, further reducing net CO₂ emissions.

Optimised energy consumption: Neolith's high resistance to extreme temperatures makes it the ideal material of choice for ventilated facades. The thermal insulation and ventilation between the Neolith facade and the building itself optimises the building's energy consumption.

25-year commercial guarantee: Neolith countertops and slabs do not need frequent replacement or maintenance treatments. That is why Neolith offers a commercial guarantee of up to 25 years on its sustainable products.

PRODUCT COMPOSITION



100% Natural: Neolith uses the best raw materials; a selection of all-natural minerals and materials. Unlike quartz and other engineered stones, Neolith sintering does not add crystalline silica sand, cristobalite, chemicals or resins to its composition.



100% Recyclable: Due to its natural composition, Neolith can be recycled.



The percentage of crystalline silica in Neolith ranges from 0% to 9%; levels similar to the most exclusive marbles which is the natural material available with the lowest quartz content. Neolith is also a more advanced material than marble in terms of mechanical and chemical properties, i.e. durability and stain resistance.

Moreover, the percentage of crystalline silica in Neolith is well below the up to 93% contained in quartz agglomerates.



Near zero porosity: The low porosity of Neolith as well as the absence of joints help in preventing the penetration of allergy-causing bacteria to the surface.



Neolith incorporates **up to 98% recycled content** in its formulation without altering the physical and aesthetic properties of its countertops.



No emissions: Being resin-free, Neolith countertops do not emit toxic gases over the life span of the product, unlike the quartz agglomerates which, with up to 15% resins in their formulation, emit chemical compounds harmful to health for years, even after installation.

CERTIFICATIONS AND AFFILIATIONS



Greenguard Certification

Certifies that Neolith complies with established chemical emission limits, contributing to a healthier environment.



Greenguard Gold Certification

Ensures that Neolith is suitable for use in environments such as schools and health centres.



CE Certification (European Commission)

Ensures that Neolith complies with European environmental protection requirements for health and safety.



LEED Points Earner

LEED, Leader in Energy and Environmental Design, is a programme that provides third-party verification of sustainable buildings. Neolith meets safety prerequisites and earns points to help consumers achieve the desired level of certification for their home or commercial project.



Member of the U.S. Green Building Council

The USGBC, the council that oversees LEED, enables advocates of sustainable policies and practices to come together.



Health Product Declaration

The Neolith Group has a declaration of product components that show no health impact.



Friendly materials (gold)

Certifies that Neolith is free of Alert List substances and free of VOC emissions (zero emissions).



ISO 14021

Self-declared environmental claim, having up to 90% recycled content in its Metropolitan and Sofia Cuprum 2021 models. Some models reach up to 98% recycled material.



ISO 14001

Certifies that the company has an environmental management plan that includes: environmental objectives and targets, policies and procedures to achieve those targets, defined responsibilities, staff training activities, documentation and a system to monitor any changes and progress made.



Zero Waste

Management system with a result of more than 95% as an alternative to landfill. Excellent Plus qualification.

Declare.

Declare positions Neolith products as safe for people and the environment, informing about ingredients to help customers ensure healthier living environments.



Ecovadis Gold Medal demonstrating that Neolith is in the 97th percentile of companies assessed in environmental, social and corporate governance terms.



Environmental Product Declaration presenting transparent, verified and comparable information on the environmental impact of the life cycle of Neolith products.



Neolith has obtained the NSF Certificate which ensures that the product complies with the strict regulations concerning the protection of Public Health, being totally suitable for contact with food.



ISO 9001

Certifies that Neolith has a Quality Management System (QMS) and that the company is oriented towards continuous improvement and customer satisfaction.