

NEOLITH  
Sintered Porcelain

Interior

Cladding & Shopfitting



Created to be used... Everywhere.

# NEOLITH | Sintered Porcelain

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## NEOLITH, DEFINING NEW TRENDS

Neolith provides cutting-edge surface material solutions for residential and commercial interior decorating and shop fitting projects.

## INNOVATION AND QUALITY DEFINE OUR IDENTITY

Developed in 2009 as an innovative response to the challenges facing the modern professional design community, NEOLITH offers the most forward thinking material solution for home owners, interior designers, decorators and shop fitters alike.

A new and unique way of looking at and understanding the use of shapes, spaces and colours – NEOLITH provides a modern design solution ideal for all interior surface applications.

Evolution and development are intrinsic to the NEOLITH DNA: investment in the best human resources and the most advanced industrial technology available is standard practice.

## HOW WE DO IT IS IMPORTANT TO US

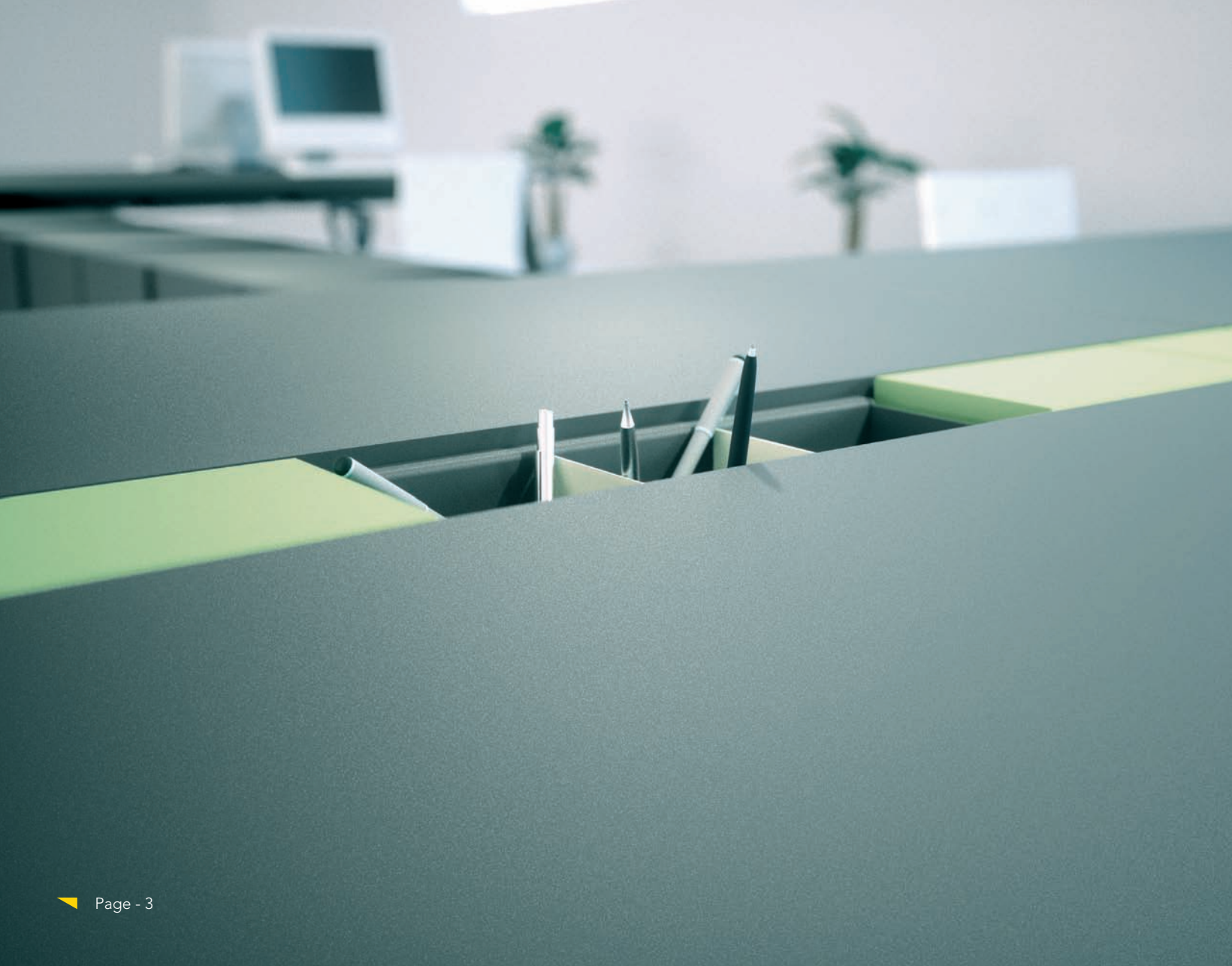
NEOLITH is a product that surpasses every required standard (ISO) in every category with the use of technologically advanced systems and a sensitive corporate "conscience". The precision, state-of-the-art technology used to manufacture NEOLITH ensures optimum efficiency in terms of raw material and energy consumption and the superior quality and finish of the end product.

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Perla, Nieve  
& Chocolate  
(Special order)



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## NEOLITH, THE START OF A NEW TREND

The NEOLITH sintered porcelain slab is an avant garde material that is redefining the future of interior design.

The NEOLITH slab is the largest, high-tech, porcelain slab available, offering comprehensive surface solutions for homes, hotels, restaurants, shops, public spaces and most interior surface applications.

The extensive range of colours, combinations and finishes, makes NEOLITH a designer product that will open up numerous, fresh possibilities for interior decorating applications.

## NEOLITH HAS IT ALL

- Innovative design options
- Generous range of colour options and combinations
- Counter top and panel cladding material available in the same colour for perfect continuity and a holistic look
- Attractive matte finish
- Resistant to very high temperatures
- Stain resistant
- Hardwearing and durable
- Ideal for high traffic spaces
- Easy to clean and maintain
- Minimal seam joins due to large slab size

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## NEOLITH APPLICATIONS: A NEW WAY OF LOOKING AT SHAPES AND SPACES

### RESIDENTIAL AND COMMERCIAL PROJECTS

NEOLITH is the perfect solution for all residential and commercial surfaces with exceptional durability and aesthetic appeal.

NEOLITH slabs are available in two thicknesses suitable for both work and leisure surfaces (10mm) and any cladding applications (5mm), including furnishings, shop fittings, display fittings, cupboards, doors, walls and floors.

### FURNISHINGS AND FITTINGS

NEOLITH can be used for furniture, shop fitting and display cladding providing multiple colour options and combinations and the exciting possibility of an entirely holistic look where the furnishings, fittings, work surfaces, floors and walls are all of the same material and even the same colour.

### FLOORS AND WALLS

NEOLITH is perfect for wall and floor cladding because of its large slab size. It can easily be cut into any panel size to suit the project being worked on. The 5mm gauge makes it light-weight, easy to handle and does not require additional reinforcement of the sub-surface to carry the extra weight of the cladding. The durability of NEOLITH and the minimal number of seams required because of the large panel size make it an extremely hard-wearing material, ideal for high traffic commercial areas and residential homes.










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## TECHNICAL FEATURES

-  **NEOLITH IS LIGHT-WEIGHT**  
Available in 5mm, NEOLITH is light-weight and suitable for all forms of cladding no matter the application.
-  **NEOLITH IS WATERPROOF**  
It is waterproof with an absorption level of almost zero making it highly stain resistant and easy to maintain.
-  **NEOLITH IS EASY TO CLEAN**  
Resistant to strong chemical cleaning agents such as bleach and ammonia, NEOLITH is easy to clean and maintain with normal household cleaning materials.
-  **NEOLITH IS HYGIENIC**  
It does not emit any harmful substances and is perfectly safe for food preparation.
-  **NEOLITH IS RESISTANT TO VERY HIGH TEMPERATURES**  
It does not burn when in contact with fire or release smoke or toxic substances when subjected to high temperatures. Neolith is resistant to very high temperatures.
-  **NEOLITH IS RESISTANT TO WEAR AND TEAR**  
Its hard surface makes it resistant to scratches and abrasion.
-  **NEOLITH IS EASY TO INSTALL**  
Due to the large slab size, NEOLITH is easily cut and edge polished to the correct custom size for each application. Fixing and finishing is easy using the correct mechanical or chemical bonding materials.
-  **NEOLITH IS RESISTANT TO WARPING**  
It has a high shear rate making NEOLITH the perfect choice for a work surface. (10mm thickness is recommended for work surfaces where added strength is needed.)
-  **NEOLITH IS ENVIRONMENTALLY-FRIENDLY**  
Composed entirely of natural materials, it does not give off any substances that are harmful to the environment and is completely recyclable.







## THE NATURAL CHOICE

NEOLITH is the natural choice because of its wide application potential for furnishings, display fittings, shop fittings, cupboards, work surfaces, wall and floor cladding.

NEOLITH is the natural choice because it combines the finest raw materials with the most advanced industrial technology.

NEOLITH is the natural choice because it is 100% eco-friendly, using natural materials and technologies that respect the environment.

NEOLITH is entirely made up of natural materials like clays, feldspar, silica and mineral oxides.

NEOLITH is the natural choice because it obtains its colours from 100% natural pigments that withstand the passage of time and the strength of direct sunlight.

NEOLITH is the natural choice because it promises a lifetime of excellent service, with the peace of mind of a 15 year material warranty.

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## Comparison between NEOLITH versus other worktop surfaces

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	neolith	granite
Resistance to sunlight	excellent	good
Resistance to bending (mpa)	45	14
Resistance to scratching	excellent	good
Resistance to hot objects	excellent	good
Heat expansion coefficient ( $\times 10^{-6}$ )	7	10
Resistance to solvents	excellent	good
Resistance to bleach and chlorine	excellent	good
Resistance to hydrochloric acid	excellent	good
Resistance to ammonia	excellent	good
Resistance to caustic soda	excellent	good
Usual thickness (mm)	5-10	20
kg/m <sup>2</sup>	20	52

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## COLOUR RANGE

NEOLITH is available in a wide range of colours that have their origin in the pigmentation of the raw materials used in the manufacturing process; this guarantees colourfastness over time without any fear of pigment deterioration.

NEOLITH is available in 2 thicknesses, 10mm for use in counter top and work surface applications and 5mm for use in all cladding applications.

**The counter top and work surface range in 10mm**

**The cladding range in 5mm**

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# INTERIOR COLOURS

	5mm	10mm
1. ARANCIO	•	
2. ARCTIC WHITE	•	•
3. AVORIO	•	•
4. BARRO	•	•
5. BASALT BLACK	•	•
6. BASALT GREY	•	•
7. CEMENT	•	•
8. COBALTO	•	

1. ARANCIO

2. ARCTIC WHITE

3. AVORIO

Please note colour images may vary slightly from actual product.



4. BARRO

5. BASALT BLACK

6. BASALT GREY

7. CEMENT

8. COBALTO



# INTERIOR COLOURS

	5mm	10mm
9. IRON CORTEN	•	•
10. LIMESTONE ARENA	•	•
11. MELA	•	
12. MOKA	•	
13. NIEVE	•	•
14. PERLA	•	
15. PHEDRA	•	•
16. TEXTILE BLACK	•	

9. IRON CORTEN

10. LIMESTONE ARENA

11. MELA

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16. TEXTILE BLACK

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## APPLICATIONS

### STANDARD SLAB DIMENSIONS

The NEOLITH slab (3,650 x 1,250 mm) is the largest available on the market.

\*NEOLITH can be cut down to any size or format, maintaining the same technical and aesthetic properties.

### THICKNESSES

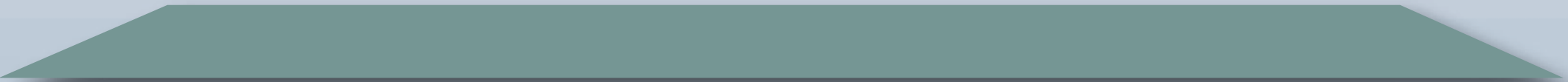
NEOLITH comes in slabs of 10mm and 5mm thick.

### THICKNESSES AND APPLICATIONS

Options for slab thickness ensures that there is always a perfect solution for every application.

NEOLITH offers 10mm thick slabs for counter tops and work surfaces and 5mm thick slabs for all cladding of cupboards, furniture, walls and floors.

The NEOLITH slab 3650 x 1250 mm



## THICKNESSES AND APPLICATIONS

10 mm

counter tops and work surfaces

5 mm

cladding of cupboards, furniture, walls and floors

5 mm



10 mm

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## ENVIRONMENTALLY-FRIENDLY MATERIAL

### SUSTAINABILITY

NEOLITH complies with every European environmental safety standard. NEOLITH is manufactured in accordance with general sustainability criteria. NEOLITH is committed to maintaining the environment and being a responsible agent within the society it is manufactured in.

### OPTIMUM EFFICIENCY

The precision, state-of-the-art technology used by NEOLITH ensures optimum efficiency in terms of energy consumption and the use of raw materials.

### MINIMAL ENVIRONMENTAL IMPACT

NEOLITH guarantees that the production and lifecycle of its products has the minimum possible impact on the environment, using the cleanest processes and most modern technology to ensure that any waste or emissions generated during the manufacture of the material are kept to an absolute minimum. Waste from the manufacturing process is properly identified, separated and disposed of in an appropriate and responsible manner.

NEOLITH products do not emit any harmful substances as they are made from 100% natural materials. In the event of exposure to fire, they do not give off any smoke or toxic fumes.

### RECYCLABLE

The material is completely recyclable. It can be milled and recycled as a raw material for other production processes such as the manufacture of aggregates.







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## HIGH-PERFORMANCE PRODUCTION PLANT

A large, automated factory, purpose-built to house the most high-tech industrial equipment and production processes for NEOLITH, allows a production capacity, level of efficiency, and quality that exceeds the market standards.

NEOLITH is years ahead of its time!

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