



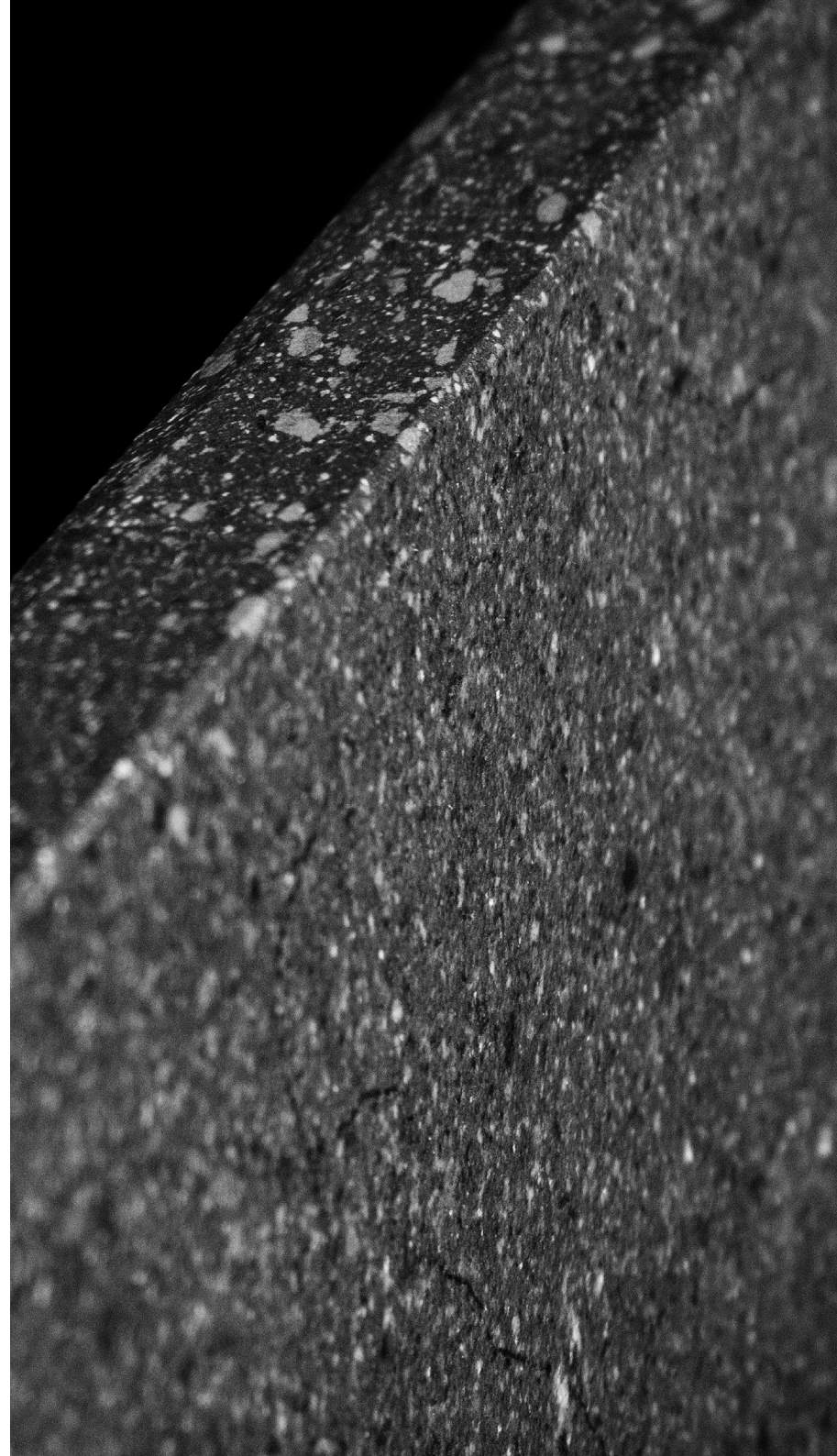
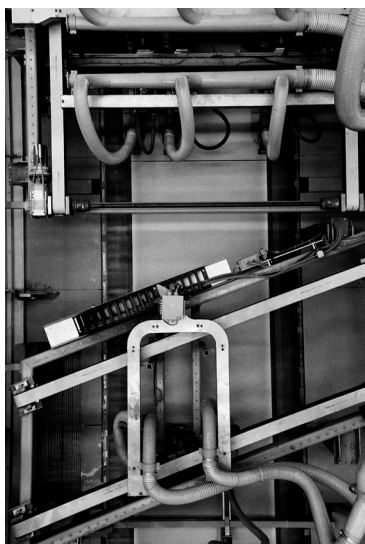
Cleaning and Care

Lithotech
The Technical Stone

What is Lithotech?

Lithotech is high-performance sintered stone, manufactured using cutting-edge high-pressure compacting technology and subsequent exposure to extreme heat. This leads to the creation of functional, highly resistant surfaces. With this high-tech process, the perfection that nature achieves over many years is accomplished in just a short period of time.

Sintering takes advantage of all the benefits of natural raw materials, using them to create eye-catching practical solutions able to meet the most exacting demands in architecture and design. With its dense, compact body and elegant range of colours, Lithotech stands out for its unbeatable hygiene, resistance and durability.



Technical characteristics

Thanks to the physical and mechanical characteristics of Lithotech surfaces, they can be used for a wide range of horizontal and decorative applications. Because the sintered particles are compacted at very high pressure, the resulting surfaces are non-porous, with no weak points—a definite bonus when Lithotech is used for kitchen and bathroom countertops or for any other surface indoors and out.



Scratch resistant



Fireproof and resistant to high temperatures



Stain resistant



Impervious



Easy to clean



Resistant to ultra-violet rays



Non-porous



Hygienic surface



Colourfast



Resistant to chemicals and detergents

Main technical characteristics of Lithotech.

	Lithotech with Corelith® Technology & 3D-Fit® Technology	Conventional Sintered Stone Piedra sinterizada convencional	Quartz Cuarzo	Wood Madera	Solid Surfaces Superficies Sintéticas	Natural Stone Piedra Natural
Non porous No poroso
Resistant to scratches Resistente al rayado
Resistant to High Temperatures Resistente a las altas temperaturas
Resistant to Stain Resistente a las manchas
Hygienic Higiénico
Resistant to chemicals Resistente a los químicos
Resistant to humidity Resistente a la humedad
Resistant to UV rays Resistente a los rayos UV
Graphic Texture Realism 3D-Fit® Tecnología Realismo Textura Gráfica Tecnología 3D-Fit®
Surface/Core Similitud Corelith® Tecnología Superficie /Núcleo Tecnología Corelith®

Comparison of materials mainly used for kitchen countertops.

Corelith® Technology

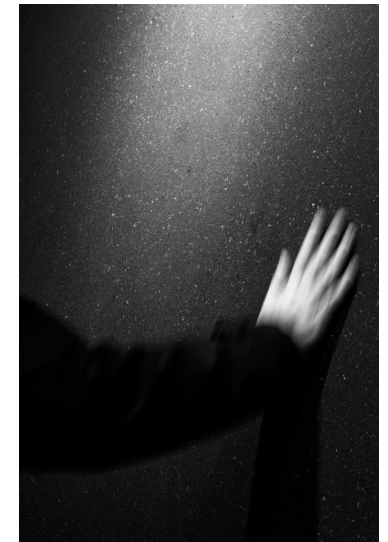
Lithotech is high-performance sintered stone, developed using ground-breaking Corelith® technology. With this technology, the inner core of the slabs is designed by custom-selecting each of its components and combining them in different percentages, colours and particle sizes. The inner core's design plays a fundamental role in the slab's surface appearance, leading to a product with seamless visual continuity from inside to out, including its edges. This offers broad potential for the creation of decorative countertops and surfaces with visible edges.



3D·Fit® Technology

Lithotech collections with 3D·Fit textures are printed using innovative improved printing technology so that the sintered stone's design and relief textures marry to perfection. This ensures a far more realistic surface texture, giving each slab a unique, distinctive appeal.

Until now, this effect could only be found in natural materials like wood or stone, where the texture and pattern are intrinsically linked. Now, thanks to R&D&I, 3D·Fit has been applied to Lithotech sintered stone. The amazing high degree of definition gives each surface an unparalleled realism.



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Caring for Lithotech countertops

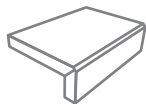
Lithotech countertops are easy to care for. In most cases, the surface can just be cleaned with a damp cloth. Stains caused by food products and other substances typically found in kitchens (such as lemon juice, vinegar, olive oil, wine or coffee) are easy to remove. Even very aggressive cleaning products, such as oven cleaners, will not affect Lithotech surfaces. Lithotech is also heat resistant, and so hot saucepans and frying pans will not damage the surface or alter the colour.

Special considerations



Ceramic knives

Ceramic knives could scratch Lithotech surfaces, just as they might scratch other similar products by other brands.



Edges

Lithotech is a high-performance material, resistant to stains, heat, ultra-violet rays, scratches and much more. However, like all sintered stone, special care must be taken to avoid heavy knocks to the edges of countertops in order to prevent them from getting chipped.



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Cleaning countertops

Use a microfibre cloth to remove dust from the surface. Lithotech countertops can be cleaned on an everyday basis if required. Clean the surface with warm water and, if required, a detergent in the dilution recommended by the manufacturer. (Avoid products that contain hydrofluoric acid and its by-products). Afterwards, rinse the surface with warm water and dry it with a cloth or similar.

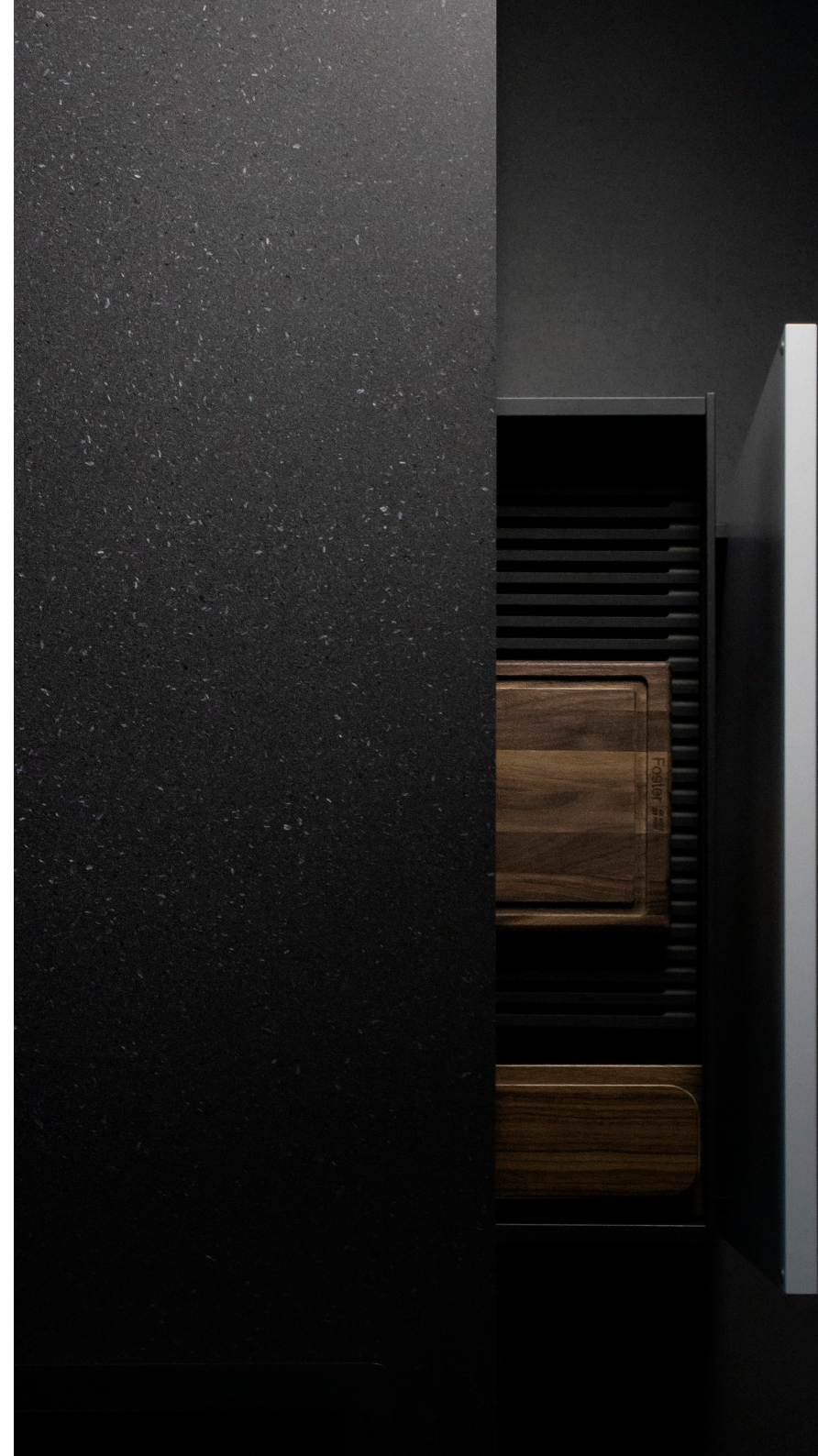
If liquid is spilled onto the surface, mop it up as quickly as possible. The faster the liquid is wiped up, the easier it is to prevent stains from forming that might later be hard to remove.

Do not use wax, oil-based soaps, sealants or other treatments (water and oil repellents) on Lithotech surfaces since they are totally unnecessary. Some detergents contain wax or polish, which might leave an oily film on the surface after it has been used several times.

Do not knock Lithotech countertops with heavy instruments. This could chip or even break the countertop (the edges are delicate areas that are more prone to damage).

Tip:

While the treatment is being applied, examine the wax stain. If the mark is still there, but it is smaller or less perceptible, this shows that the treatment is working. Continue with the treatment until the stain has completely disappeared.



Type of dirt	Type of detergent	Cleaning material for smooth surfaces	Cleaning material for textured surfaces
Rust	Acidic:	Moistened Scotch-Brite non-scratch sponge	Thin-bristled brush
Lime-scale			
Cement, plaster or lime residues			
Aluminium marks			
Fat, grease, dust	Alkaline/Solvent-based	Damp cloth	Sponge
Coffee, soft drinks, fruit juice			
Ink	Oxidizing/Solvent-based		
Oil	Solvent-based	Moistened Scotch-Brite non-scratch sponge	Thin-bristled brush
Rubber			
Wax			
Epoxy adhesive			
Resin			
Ink, indelible marker pen			
Wine	Oxidizing	Damp cloth	Sponge
Iodine			
Blood			
Fruit juice			
Ice cream	Alkaline		

Acidic cleaning agents: acidic detergents, lime-scale removers, cement removers. / **Alkaline cleaning agents:** alkaline detergents, ammonia, fat removers. / **Solvents:** universal solvents, paint thinners, turpentine, alcohol. / **Oxidizing cleaning agents:** bleach, hydrogen peroxide.

Cleaning countertops

If a stain cannot be removed using normal cleaning methods, other specific procedures should be used, depending on the type of stain. It is important to clean away stains as promptly as possible to prevent them from drying and thus becoming harder to remove.

Do not use strong acids:

Under no circumstances should concentrated hydrochloric acid or caustic soda be used, or products containing hydrofluoric acid or its by-products.

Do not use strong alkaline products:

Under no circumstances should concentrated potassium hydroxide or sodium hydroxide be used.

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