



CORIAN®
DESIGN

the Corian®
BOOK
essentials



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www.corian.uk

Introducing Corian® Solid Surface

Undulating, virtually seamless, organic shapes, bold effects of colour and translucency – if you can dream it, you can create it with Corian® Solid Surface .

For more than 50 years, Corian® is trusted by millions of architects, designers and facility owners around the world – taking design in unique new directions, encompassing high performance and high-level beauty, and providing new solutions to commercial and residential spaces.

With innovative designs and an enduring colour palette, Corian® Solid Surface is used for most ambitious visions, creating safe and sustainable spaces that make a statement. From hospitality to healthcare, education, public spaces, retail, and even exteriors, Corian® Solid Surface guarantees versatility, durability and the highest level of hygiene & performance – every time.

When you choose Corian® Solid Surface, you choose a surfacing product that is both beautiful to behold and harmonious with the health of humans and the environment. Get started with Corian® Design in your project today.



Colour portfolio



Shapes portfolio



Corian® Design Sustainability Commitment

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Technical information

Among materials used in architecture and furniture design, Corian® Solid Surface stands out for its technical and aesthetic characteristics, which make it the preferred material of architects and designers seeking technical results and beauty.

Features and benefits



NON-POROUS

When Corian® looks clean, it really is clean.

Its smooth surface does not allow liquids, dirt and stains to penetrate. Bacteria and mould have nowhere to take root.



DURABLE

Long-lasting solution for high traffic spaces.

Homogeneous in all its thickness, robust and resistant to abuses typical of high traffic spaces.



HYGIENIC

Contributes to hygiene and healthiness for your peace of mind.

No place for germs, bacteria and mould growth thanks to its non-porous nature and to inconspicuous seams. Marks and stains can be easily removed from the surface.



SOFT AND WARM

Add a unique touch of sensorial performance to your design concepts.

Pleasant and smooth to the touch with its silk-like surface adapting itself to the climate of interior environments: beautiful and relaxing, for homes and public spaces.



THERMOFORMABLE

It can be shaped to meet any design and style requirement.

It can be moulded into 2D and 3D shapes meeting all design goals and fitting any available space. No limits to the creativity for your projects.



BACKLIGHTING

Play with light to create fascinating translucency effects.

The translucency of many colours, combined with design versatility, enables the creation of fascinating installations featuring unique lighting effects.



REPAIRABLE

If needed, it can be easily repaired and brought back to its original look.

It withstands daily wear and tear, keeping its original look for many years. Scratches, chips and more serious damages can be easily mended on the spot, always without a trace.



SEAMLESS

The surface continuity simplifies cleaning, sanitising and routine maintenance.

It enables the seamless integration of multiple elements, enabling large installations featuring a fascinating monolithic look.



LOW VOC

For environments with minimum impact on human health.

Corian® Solid Surface is free from dangerous chemicals and hence supports better indoor air quality.



RECYCLED CONTENT

For environments with minimum impact on human health.

A selection of our colours contains between 6% and 14% of recycled material and our (North American) manufacturing facilities are zero waste to landfill.

Corian® Design Quality Network Partner Program

Connected through quality, supported by Corian® Design. To deliver Corian® Solid Surface at its best to consumers, DuPont created the “Corian® Quality Network” decades ago. Today’s Corian® Design Quality Network Partner (QNP) Program offers the best quality of Corian® Solid Surface fabrication and installation, sales consultation and technical service, backed by a 10-Year Limited Warranty.

Fabricators of the Quality Network Partner Program have received technical training from DuPont and their skills in the fabrication and installation of Corian® Solid Surface have been reviewed and certified by DuPont.

CORIAN®
DESIGN
QUALITY NETWORK
PARTNER

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KITCHEN

Corian® for haute cuisine

Corian® Solid Surface is perfect for a range of kitchen styles, from high tech to traditional, from minimalist to warm and cosy. Offering extraordinary design flexibility in a wide range of vibrant colours, it is ideal for countertops, backsplashes and integrated sinks, and many other applications.

It offers inconspicuous seams and a sleek, hygienic non-porous surface. Its warm-to-the-touch feeling immediately inspires confidence and reliability. And rightly so, as Corian® is easy to clean, easy to care for and easy to live with!



2

BATHROOM

A creative splash with Corian®

Let your bathroom be a reflection of you. With Corian®, you can create a sanctuary of wellness that echoes your personality. Surround yourself with colours and textures you love to wake up to.

Thermoform Corian® into soothing shapes. Mix it with tiles, metal, wood, stone or glass. Have it fitted on your walls, horizontal surfaces, worked into bath surrounds. Because Corian® is so easy to live with, your bathroom will reflect both your design aspirations and your good sense.





HOSPITALITY

Enhancing levels of hygiene in the hotel

Across the world, Corian® Design is at the heart of some of the **most distinctive and innovative contemporary hospitality and hotel designs** because of its inherent **hygienic properties, practicality and design flexibility**.

Corian® Solid Surface enables you to elevate the guest bathroom with a **single material for vanity top & wet walls**. Your preferred **design solutions can be adapted to the exact dimensions and room layout required (made-to-measure solutions)**, ensuring a perfectly fitted bathroom that is **very easy to clean**.

Cleanliness is all-important in every area of a hotel... with the reverse being the first thing many guests will notice. Corian® Solid Surface is recognised for its **unique hygienic properties**. Solid and **non-porous**, it is joined with inconspicuous seams, hence **no proliferation of grout, bacteria and mould**.

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HEALTHCARE

Reducing rates of hospital acquired infections

Corian® Solid Surface offers functional and aesthetic surfaces that **meet the highest and most stringent standard requirements in healthcare environment**. It has inherent properties that make it **non-porous and homogeneous**, and when properly cleaned **does not support microbial growth**. This helps to **prevent any cross contamination and reduces spread of infection** in healthcare spaces.

Corian® Solid Surface is **stable against bacteria and fungi** according to European standard DIN EN ISO 846 and US standard ASTM D 6329 and classified as **fungistatic**.

Corian® Solid Surface delivers **superior chemical and stain resistance** and has been tested to be **compatible with a variable range of healthcare cleaning disinfectants** and household cleaning agents.

The unique solid structure of Corian® Solid Surface makes it an **ideal choice in a wide variety of healthcare settings** (e.g. operating rooms, surgical scrub stations, bed-head units, laboratory benches, furnishing solutions).



FUNGISTATIC
ACCORDING TO ISO 846

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EXTERIOR CLADDING

Making a statement
in your facade project

Corian® Solid Surface has offered architects around the globe **unparalleled design flexibility** of ventilated rainscreen systems for more than a decade. Benefiting from **superior aesthetics** combined with **high durability** and **low maintenance**, it makes a smart choice for panelised exterior cladding systems transforming design ideas and inspiration into innovative, **sustainable** and beautiful facades.

A facade in Corian® Solid Surface allows the expression of design concepts through a number of techniques and capabilities, combining the longevity and toughness of a homogeneous material with the proven benefits of ventilated facades. Corian® makes it possible to produce two or three-dimensionally formed facade sections as well as shaped sections for corners and lintel elements, therefore creating seamlessly corresponding facade connections.



B73 residential building in Sofia, Bulgaria; project by STARH; photo by Dilyan Stanchev, all rights reserved.

Digital

EXPLORE A FASTER ROUTE FROM THE DRAWING TO THE 3D PANEL

Digital fabrication – the solution is perfectly aligned with parametric design methods and process – only one step from 3D drawing to shaped panel without the need for additional programming, thus **saving time and cost**.

Sustainable

LET'S SAVE COUNTLESS TREES TOGETHER

The process helps **reduce environmental impact** by eliminating the need for multiple wooden moulds. Corian® Solid Surface is produced straight from your parametric design using the flexible mould and finishing solution and **saves >100kg/m2 of wood**.

Rapid

DELIVER YOUR NEXT 3D PROJECT UP TO 10 TIMES FASTER

The production of 3D panels is up to **10x faster** when compared to standard fabrication technology. The installation process is also shorter as bigger panels are possible.

Cost-competitive

REDUCE THE COST OF 3D PANELS FOR YOUR NEXT PROJECT

The solution enables affordable implementation of projects with 3D shapes and organic forms. You can **save up to 40% cost** vs. standard thermoforming solutions.

Efficient

GO WILD WITH YOUR 3D DESIGN

There is no need to simplify forms and geometries due to high cost and complexity of the fabrication process. The parametric design is uploaded in our software, rapidly converted and sent to the reconfigurable mould to shape the panel.



Corian® Automated 3D Fabrication Solution

#CorianShapingTheFuture

A **sustainable, innovative technology** responding to technological changes in the building industry, supporting digital methods for optimisation and computation of data in the design process and bringing parametric designs into life in the **most efficient and cost-competitive way**.

The solution enables **reliable, faster, cost-competitive** implementation of Corian® Solid Surface exterior & interior cladding projects with organic 3D forms, complex geometries and structures, curves and irregular shapes while allowing a statement in the design by creating **unique, long-lasting vertical applications**.



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RETAIL

Creating a unique ambience

A perfect retail space doesn't just look flawless; it performs flawlessly as well. With an extensive array of colours, textures and versatile materials, Corian® Design materials can be adapted to any retail environment.

With tested durability and an easy-cleaning, non-porous design, our surfaces keep looking as sleek and stylish as the day you bought them. Because a remarkable space never goes out of fashion.

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FOOD SERVICE

Making every meal unforgettable

An unforgettable dining experience is a journey — one that starts on the counter where you prepare it and ends at the table it's enjoyed on. With unbeatably durable, easy-to-clean and mould-resistant Corian® Design surfaces, you never have to worry about your kitchen making the cut.

Corian® Solid Surface can be adapted to suit all forms of dining and entertaining requirements, and can **satisfy the most demanding standards of hygiene** while offering a stylish, sensuous backdrop for enjoying delicious dishes, fine wines and sophisticated cocktails.



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PUBLIC SPACES

Creating the most welcoming of spaces

Corian® Solid Surface is renowned for its dependable performance, but this work ethic also offers a wealth of artistic potential and appeal. Naturally suited to creating the most welcoming of spaces, it adapts to innovative design ideas with inspiring ease.

Corian® Solid Surface not only promotes a sense of trust and authenticity, its advanced composition means that it can withstand the normal stresses and strains of public duty, yet also be restored to full glory in the case of any excessive wear and tear.



Contact us

Please feel free to get in touch for product enquiries and further information.



Prescription Guide

Corian® Solid Surface Prescription Guide is an easy-to-use tool aimed at architects, designers and every professional involved in the specification process for interior and exterior applications. It enables time saving in the development phase of Corian® projects.



Corian® Design Visualizer Augmented Reality app

At Corian® Design, we are always looking for innovative ways to make aesthetics a part of your world. No longer are you bound by the limitations of a static photo or even a small product sample. Our new AR app, **Corian® Design Visualizer**, allows you to check out our colours and aesthetics from every angle, from up close or far away.



BIM objects library

Specifying Corian® Solid Surface is simplified for architects and designers, thanks to a seamless integration with the Autodesk Revit® software program. Professionals using the software have instant access to Corian® colours, shapes and facade details, enabling the creation of colour-accurate renderings of exterior and interior applications quickly and efficiently.

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