

RESISTANT

DuPont™ Corian® is a solid, non-porous, homogeneous surfacing material composed of ± 1/3 acrylic resin (also known as PolyMethyl MethAcrylate or PMMA) and ± 2/3 natural minerals. The main mineral is Aluminium TriHydrate(ATH) derived from bauxite, an ore from which aluminium is produced. Since its introduction in 1967, DuPont™ Corian® has proved itself to be a remarkably durable material that is easy to live with. It cannot delaminate and stands up well to daily use. It resists most of the impacts, nicks and cuts that occur in heavy traffic areas. Corian® has been tested for its mechanical, thermal, electrical and other surface properties. Please consult online at www.corian.com on the Specification datasheet for the results of these specific tests as well as details of the other physical properties of Corian®.

HYGIENIC

DuPont™ Corian® is a non-porous material. It is solid through its entire thickness and can be fabricated with inconspicuous seams, rendering its surface very hygienic. DuPont™ Corian® surfaces do not support the growth of bacteria or fungi. Corian® has been certified by an independent laboratory as a hygienic material according to the international norm DIN EN ISO 846.

NON -TOXIC

DuPont™ Corian® is an inert and non-toxic material. Under normal temperature conditions, it does not emit gases. When burned, it releases mainly Carbon Oxides and the smoke generated is optically light and does not contain toxic halogenated gases. Because of these properties, Corian® is used in public areas and for sensitive applications such as airport check-in counters, walls and work surfaces in hospitals and hotels.

REPAIRABLE

Surfaces in DuPont™ Corian® are renewable, meaning they can be fully restored with ordinary mild abrasive cleansers and a scouring pad. Cigarette burns, for example, can be easily removed in this way. Damage caused by abuse can usually be repaired on site without having to completely replace the material.

SOLID

Colours and textures run through the entire thickness of the material and cannot wear away. DuPont™ Corian® is a solid material and cannot delaminate.

INCONSPICUOUS JOINTS

The applications for DuPont™ Corian® are limited only by the imagination. Pieces of Corian® can be glued together inconspicuously to create a seamless look, giving virtually unlimited design possibilities for surfaces. Long counters, for example, can be made easily in lightweight pieces in a workshop and then joined together at the installation site. Edges can be built up to appear thicker.

THERMOFORMABLE

DuPont™ Corian® can be thermoformed in wooden or metal moulds at controlled temperatures in order to create various 2D and 3D design objects. Embossing effects can also be created using the Bas Relief technique.

TRANSLUCENT

The translucency of DuPont™ Corian® is especially striking in the lighter colours as well as with thinner sheets. Many designers are now using the material to create lamps or lighting effects in various applications. The colour family, called the Illumination Series, consists of 5 colours in 6 mm and 12 mm sheets featuring enhanced translucency to be used for creating special lighting effects.

WORKABLE LIKE WOOD

DuPont™ Corian® can be worked like hardwood and using similar tools. Most DuPont™ Corian® fabricators originally trained as carpenters. There is a skilled network of fully trained and approved fabricators for Corian® worldwide, plus dedicated service centres.

COLOURFUL

The refined colours of Corian® allow for a creative and inspired working palette of solid, textured and translucent hues. You can choose a single colour; a neutral basis for design; or experiment with eye-catching harmonies. Corian® can also be used as inlays, accents, or as a versatile complement to other materials such as metal, wood, stone, glass, etc. Corian® can also be sublimation printed with any digital image.

ENVIRONMENTALLY FRIENDLY

DuPont™ Corian® is manufactured in compliance with strict standards in order to limit waste and energy consumption at all stages of the production process. DuPont Building Innovations has now achieved Zero Landfill status in the manufacture of its products, including Corian®. Both the material itself and the adhesives and sealants used to install it are GREEN GUARD Indoor AirQuality Certified® as producing low VOC emissions.

FOR ADDITIONAL INFORMATION, PLEASE CONTACT YOUR LOCAL REPRESENTATIVE OR CALL US ON OUR FREE PHONE NUMBER:

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www.corian.co.uk
www.corian.com


The miracles of science™




corian

What is Corian®?

QUITE SIMPLY, DUPONT™ CORIAN® IS THE SEAMLESS SOLUTION TO A MULTITUDE OF DEMANDS IN SURFACE DESIGN. ENABLING IMAGINATION TO MEET THE NEEDS OF FUNCTIONALITY, CORIAN® ADAPTS BEAUTIFULLY TO ANY ROLE. FROM SUBTLE ELEGANCE TO THE MOST EXOTIC OF FORMS, THIS IS A MATERIAL CREATED WITH INNOVATION IN MIND.

Pure in its solidity, powerful in its performance, versatile to its core, Corian® can shape itself to almost any concept with effortless style. And these valuable talents were built to last. Whether working hard on an easy-care countertop or enduring as a decorative wall design, Corian® is the embodiment of grace under pressure. Welcoming shape, pattern and light, this high tech surface is comfortable in all kinds of environments, interior or exterior, humid or dry, hygiene-critical or high-traffic.



In the Kitchen LASTING ELEGANCE

In Corian®, the comforts of beauty are equalled by robust reliability, easy maintenance and endless adaptability. Imagine a smooth transition from worktop to fascia, splashback to sink, food preparation to relaxed enjoyment. From the most minimal of aesthetics to maximal charm, the wide choice of colour, detail and design all come together to enhance the simple pleasures of living well.

Elektra kitchen by Ernestomeda;
design Pietro Arosio; photo Ernestomeda

Material Inspiration

FROM IDEA TO REALITY, THE RESOURCEFULNESS OF CORIAN® IS ENTIRELY AT YOUR CREATIVE DISPOSAL. WORKABLE TO AN UNRESTRAINED VARIETY OF FORMS AND BLENDING INTO SEAMLESS UTILITY, CORIAN® CAN ANSWER THE CHALLENGES OF MULTIPLE PROJECTS AND APPLICATIONS. STRONG, HOMOGENOUS, NON-POROUS AND RESISTANT, CORIAN® IS A MATERIAL AS INGENIOUS AS THE HUMAN IMAGINATION

Cover: Kitchen in private apartment, Nwealand; design Mal Corboy; photo Mal Corboy Design Ltd



In the Bathroom

PURE PEACE OF MIND

Sleek, warm and silky to the touch, Corian® is a surface made for contact. Add to that inherent hygiene and the ability to achieve flowing, streamlined shapes and you have an easy-clean material that is perfectly suited to the bathroom. Free from dirt traps, resistant to mildew, even repairable if necessary, Corian® is at home in the most compact of cloakrooms and the most luxurious of spas.

PHC washbasins by Boffi; design Piero Lissoni; photo Sabine Schweigert

Furniture and Features

FORM FLOWS INTO FUNCTION

Whether as a working service counter, a stylish display system, a stand-alone piece of furniture or a decorative object of desire, Corian® applies its malleability to meeting whatever need it was created for. Its beauty lies in its strength, however delicate the aesthetic aimed for in its design. Furthermore, Corian® is harmonious with many other materials and offers an exclusive colour palette of timeless hues.



Runon chaise longue and pouf/coffee table by TAO Esterno for "Corian® Colour Evolution" exhibition (2012 Milan week of design); design Setsu and Shinobu Ito; photo Leo Torri for DuPont™ Corian®

Inside Out

ENDURING BEAUTY

Buildings in need of a facelift need look no further than Corian®. Equally at home on a newly constructed facade as on a kitchen countertop, Corian® can weather exterior conditions while offering either minimalist purity or a range of fascinating design possibilities. Corian® can be curved or carved, inlaid or printed, backlit or embossed. And whether helping to sustain a high-profile skyscraper or protecting a private residence, the advantages of durability, simple maintenance and a resistant yet repairable surface are easy to appreciate.

Private villa, Croatia; project by DVA Arhitekta; photo Marko Jukic



Lighting Solutions

ENABLING BRIGHT IDEAS

The ethereal translucency of DuPont™ Corian® has encouraged a range of dynamic exploration in lighting design. A natural, radiant diffusion of the light in the paler colours has been further enhanced by the invention of a specific set of hues for enchanting illumination effects. Also, by thinning out or cutting patterns into the material and then backlighting the design, whether a shapely lamp, a monolithic installation or a graphic wall feature, brilliant concepts in Corian® can take on luminous new life.

Genotype lamps; design Tomek Rygalik; photo Filip Miller

Public Spaces

AN INVITING WORK ETHIC

Corian® 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® not only proposes 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.

Reception desk at Morocco Mall, Casablanca, Morocco; project by Design International; photo Deborel Maroc



Intelligent Surfaces

TECHNOLOGY FOR TODAY AND TOMORROW

Corian® looks forward to an exciting future, not only through its invaluable longevity (since its ground-breaking invention, many of the earliest installations still perform impressively today) but also in its compatibility with ever evolving technology. From embedding touch-sensitive controls, LED lighting and audio-visual systems to its ability to be renewed and re-used, Corian® is a material with the future very much in mind.

"Z. Island by DuPont™ Corian®" (2006 Milan week of design), design Zaha Hadid; photo Leo Torri for DuPont™ Corian®



At your Service

CATERING TO EVERY TASTE

Versatile enough to meet the vision of any design scheme, DuPont™ Corian® is also wipe clean and worry free, making it the ideal choice for the food and beverage industry. From preparation to service to maintenance, Corian® caters to vibrant bar and dining environments with smart reliability. Aesthetic effects such as a blending of colours or the application of pattern, integrated illumination, projected images or 3D textures add to the creative possibilities.

Fifth floor bar of Harvey Nichols, London; project by Shaun Clarkson ID; photo Jake Fitzjones

Hospitality

FIVE STAR FLEXIBILITY

Sensuous style, streamlined luxury, exotic elegance. Whatever a traveller may expect from their hotel, Corian® can help to create the inviting ambience and pristine identity that distinguishes the experience as something special. Whether creating dramatic curves on a reception desk, sleek surfaces in the bathroom or atmospheric decoration in public areas, Corian® offers a warm and memorable welcome.

Hotel Sofitel Brussels Le Louise, Belgium, project by Antoine Pinto; photo Sofitel



Retail

CUSTOM MADE FOR SHOPFITTING

Distinctive brands demand the same quality of design and performance that their customers expect from the products they offer. The specific needs of the retail sector, from chic presentation, to graceful service to a lasting sense of a wise investment, can all be met by the multiple benefits of Corian®. Beautifully bespoke and receptive to unique detailing, Corian® stands the test of time in sophisticated fashion.

Decorative wall panels, Manolo Blahnik store, Moscow, Russia; project Data Nature Associates; photo Data Nature Associates



Workplace

PRODUCTIVE DESIGN

A material subject to daily use must be not only durable, but also a pleasure to live with. The smooth, seamless workability of DuPont™ Corian® can be employed to valuable and ergonomic use in office or learning environments, whether in a home studio, large commercial operation or educational facility. With a carefully created colour palette on offer, from the ever popular whites to subtly nuanced solids and intriguing textured choices, the ambience can be thoughtfully tailored to any objective or identity.

Home-office, Wilhelminastraat, Amsterdam; design Hofman Dujardin Architecten; photo Matthijs van Roon



Transportation

THE PATH FORWARD

Design for the world of transport, whether by rail or air, road or sea (and their stationary terminals) presents unique challenges. From high-traffic wear and tear to high-end exclusivity, from air-pressure to marine climates, from potential passenger abuse to vibration and general movement, the conditions demand a strong, stylish yet flexible material that will function flawlessly for the long haul. The world of transport, from mega-yacht to motor-home, can benefit beautifully from everything Corian® brings to the journey.

Interiors of Comet 52 by Comar Yachts; project by Studio Vallicelli; photo Comar Yachts



Healthcare

HYGIENE AT HEART

Clinicians have long had confidence in Corian® for hygiene-critical situations, and this solid, non-porous, and seam-free resistance to cross-infection can also take imaginative and appealing form to enhance a sense of wellbeing. Appropriate and thorough cleaning methods keep Corian® pure and fresh, while its non-toxic composition does not support the growth of germs, fungi or mould. This makes Corian® the sensible solution for healthcare design... from integrated sinks in laboratory worktops to scrub rooms, theatre walls, information centres, nursing stations, children's wards, cafeterias and patient facilities.

Workdesks, Hearing Pathology Institute, Kajetany, Poland; photo CCI