

the Corian® book



corian.

Index



BEYOND THE LIMITS OF SHAPE

Egypt goes design with DuPont™ Corian®
“The Endless Nile table” by Karim Rashid

www.corian.com

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Seamlessness

as an agent of **liberty**

The creative landscape has changed as design increasingly becomes a fusion of ideas, material, technology and the environment. Aesthetics and functionality harmonise with a powerful awareness of the body and how it interacts with this brave new world. Smooth transitions flow between art, architecture and design and each medium must be able to adapt, progress and evolve with time.



The thrilling possibilities offered by this evolution also bring challenges. The freedoms offered by 3D CAD, Web 2.0 and other new solutions come hand-in-hand with new demands upon materials and production techniques.

ARCHITECTS and **DESIGNERS** are the key to a seamless link between nature, technology and aesthetics, for both interiors and exteriors. Long-lasting, hygienic, durable and elegant, the three-dimensional formability of DuPont™ Corian® has been freeing innovative artistic minds for over 40 years.

The hallmark of great cuisine, according to the most illustrious chefs, is a marriage of inspiration, talent and the finest ingredients. As food is transformed in the hands of a true culinary artist, so raw materials such as DuPont™ Corian® can take exceptional form through the vision of architects and designers.

Clean, pure, tasteful.

Nourishing the senses

Strength and durability

The **LINEAR LINES** of “Evonoma” kitchen, a creation by designer Peter Ravbjerg, convey the purity of the ensemble, further accentuated by the smooth and fascinating silk-like touch of Corian®. The absence of visible seams contributes further to the sense of unity expressed by this creation.



The **WARM-TO-THE TOUCH FEELING** of this material immediately inspires a sense of confidence and reliability, and rightly so as the hygienic, durable and functional properties of Corian® make it ideal for all those realms where food is king. Manipulating colour, texture and shape is central to creating an appealing sensory ensemble, both on the plate and around it.

Non-porous, non-toxic, resistant and repairable: what else is needed to create a modern, elegant and practical food area?



Majestic elegance

In its K2 kitchen, Boffi has created sharp contrasts through the rigorous, sober and majestic use of DuPont™ Corian® in a **SLIDING TOP**. Cladding is also one of the multiple applications of Corian® in kitchens, and here the large cabinet containing the refrigerator has been clad in the material. Design by Norbert Wangen.

For recommended colours for kitchen, please visit our web: www.corian.com



“Although the material is extremely tough and highly resistant, it exudes softness and beckons one to touch. This synergy is perfectly reflected in the island’s rounded angles.”

HOFMAN DUJARDIN ARCHITECTEN
AMSTERDAM

Seamless shapes

CREATIVITY HAS NO LIMITS. A modern island completely “outside the box”, is characterised by gentle curves, pristine white DuPont™ Corian®, minimal appliances and fittings. Surrounded with space to let it shine in the limelight, staged against pared-down background to emphasise its pure lines.



Sublimation technology for sublime creations

Arik Levy designs a kitchen environment in Paris. Cladding applications for kitchens protect and beautify vertical surfaces and literally “clothe” the walls of a room, while applications for worktops and integrated sinks make for a smooth, seamless food preparation space. **SUBLIMATION TECHNOLOGY** further broadens the horizons of DuPont™ Corian®, making it possible to create surfaces with permanently embedded images, much like a tattoo on a person’s skin.



Small yet spectacularly practical

This **MOBILE MINIKITCHEN** by Boffi perfectly merges **STYLE WITH FUNCTION** in a cubic, moveable package. DuPont™ Corian® offers designers the ability to create kitchen items which will appeal to food artisans working at every level, even on a reduced scale. Design by Joe Colombo.



A kitchen centrepiece

THE FORMAL SPATIAL LINES of Pietro Arosio's creation exalt three important qualities of Corian®: **A SEAMLESS LOOK**, its ability to be formed into any size or shape and, critically important for culinary exploration and enjoyment, superb hygienic properties. This is the "Solaris" kitchen by Ernestomeda – a practical solution where just the essentials for food preparation and cleaning form the centrepiece of the design.





A strong design for a strong cup of coffee

THE CONTRAST BETWEEN SHINY AND MATT white surfaces draws travellers to this coffee bar, Acafé in the Roma Termini train station, as do the ribbon like structure and seamless transitions from the structural to the functional. DuPont™ Corian® effortlessly metamorphoses into the counter, body and canopy throughout its 24 meters, providing a safe haven for customers to enjoy a coffee and a sandwich in a protected, sheltered environment. The fluidity of the Acafé's design, by Colli & Galliano architetti, emphasises its spatial volume and transforms the area into a social environment.

The longest countertop made of DuPont™ Corian®

The luxurious Adam & Eve Hotel in Turkey features an 84.7 meter-long countertop disappearing into the distance, proving that designers can truly **STRETCH THEIR IMAGINATION** to provide elegance and functionalism for a convivial atmosphere.



The **WARM-TO-THE TOUCH FEELING** Experience with DuPont™ Corian® the bathing rituals of wellness, fitness and revitalization. The design of the bathroom can influence our relationship with the precious element of water. Corian® offers a warm to touch solution that reinforces all the dimensions of this daily human luxury.

Functional hygiene - easy to maintain

Joan Font presents basins in Corian® glacier white based on **STRONG GEOMETRIC SHAPES**. In this manner the designer creates a strong architectural approach of the ordinary basin.



Full

Well being, elegance, durability

immersion

The bathroom is a haven within the home that creates the possibility to escape from daily life, allowing us to find a place of peace, balance and renewed strength. Truly an environment for physical and spiritual cleansing.

WATER

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Colour means rhythm

Matching the design combination of the bathroom floor mat, the shower is another Missoni **COLOURFUL SURPRISE** made with strips of DuPont™ Corian® combined to form a continuous and **SEAMLESS STRUCTURE**.

Elaborated design

A LARGE, ELEGANTLY CURVED SCREEN by Missoni in DuPont™ Corian® nocturne creates the scene for the freestanding bathtub "Po" by Boffi in DuPont™ Corian® glacier white. The screen is created by perforating DuPont™ Corian® using advanced tooling techniques. An **INGENIOUS ASSEMBLING TECHNIQUE** is used for the wonderful floor mat reproducing the Missoni stripe motif via the combination of hundreds of elements in DuPont™ Corian® in grape green, glacier white, nocturne, summer sky, hot and claret.





Contrast by DuPont™ Corian®

Dornbracht personifies the **ARCHITECTURAL POTENTIAL** for sanctuaries dedicated to cleansing rituals, offering string cubic shapes that bring elegance to the technical and functional. Design by Sieger Design.



Re-shape your imagination

FOLIO by Boffi is a fine example of the **THERMOFORMING CAPACITIES** of DuPont™ Corian®. **SEAMLESS ORGANIC SHAPES** become the starting point of your wildest creative ideas, even for bathroom sinks. Think fluid and find surprising answers to all design challenges thanks to Corian®. Design by Neunzig Design.



Seamless transition

“Orca” by Rapsel is smooth and seamless without a hitch. This washbasin demonstrates how DuPont™ Corian® enables a designer to organically **COMBINE 2 DIFFERENT COLOURS INTO ONE SLEEK SHAPE**. Two colours, one harmonious object. Design by Thomas Sandell.

Wellness & contemplation

In this Five+ Sensotel, the interior designers drew their inspiration from the five senses. It was therefore only natural that they chose DuPont™ Corian® as the key element to evoke touch. **THE SENSUAL TEXTURE AND ALMOST ORGANIC FEELING** of the material contributes to the comfort of every guest while the translucency of Corian® cameo white adds an extra bright dimension to the atmosphere. Design by Yasmine Mahmoudieh.



Joan Font



Joan Font



Joan Font



Eternal classics

“Opera”, a circular two-seat bathtub in DuPont™ Corian® glacier white, created by Toscoquattro, offers a **SIMPLE, PURE SHAPE** that invites the bather to relax. The ebony panelling and stainless steel details add an unobtrusive touch of refinement. Design by Claudio Nardi.



Organic comfort

Ron Arad uses DuPont™ Corian® to highlight curves and create decorative interest. The possibility of using **SEAMLESS JOINTS IN A CONTRASTING COLOUR** means that a pinstripe effect reminiscent of topographical lines on a map can be easily achieved on a smooth surface.



Life is the pursuit of comfort. Whether we eat, whether we work, or whether we relax. A warm, colourful, functional and comfortable living environment gives daily life that exclusive touch of “home”.

Colourful, versatile and exclusive

Experience warmth and simplicity

THE ORGANIC FEELING of DuPont™ Corian®, coupled with a seamless look, fluid design and a broad range of colour possibilities, creates a platform for boundless creativity.



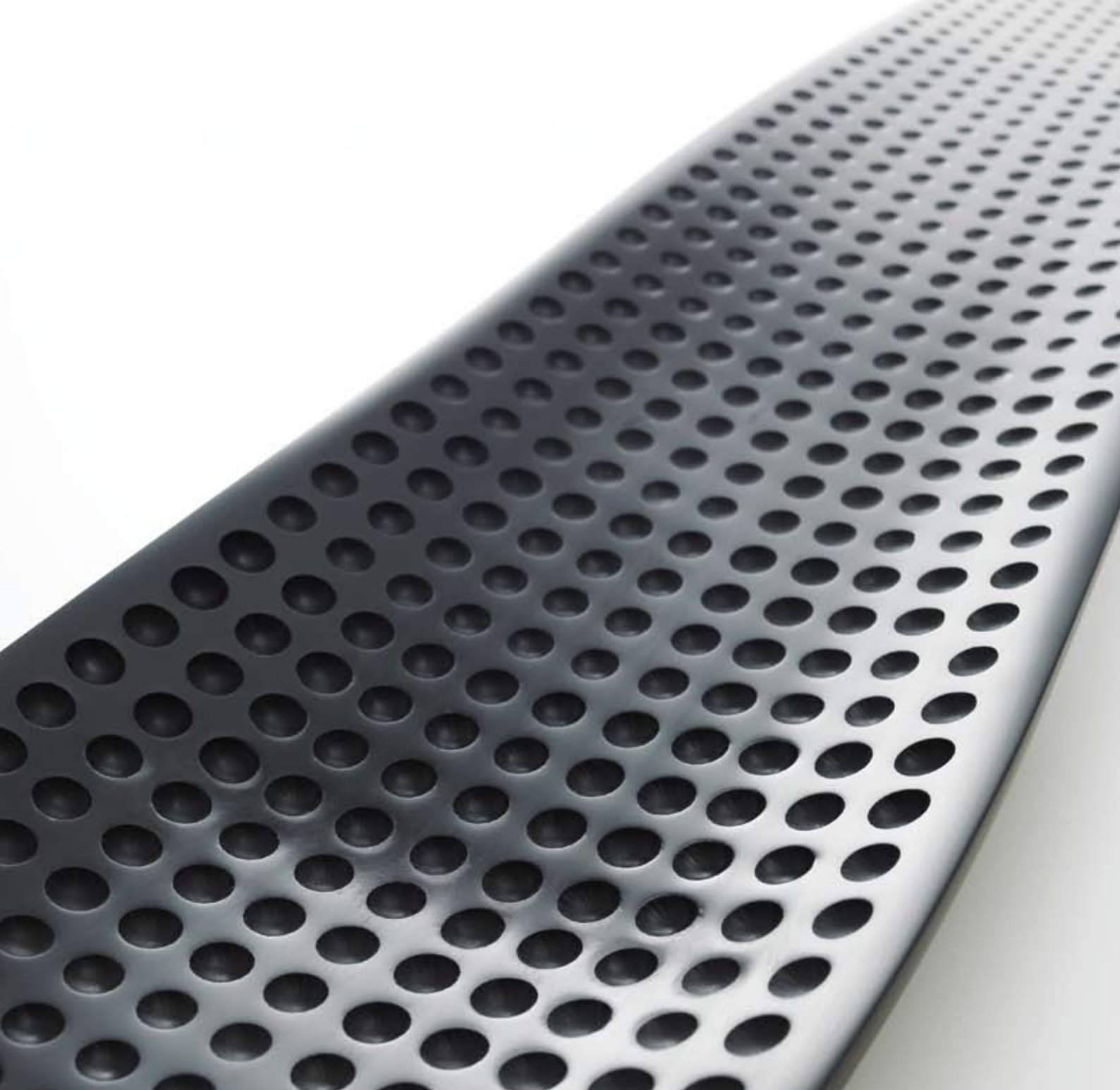
The perfect balance

The “Shadow” chaise longue, designed by Christian Ghion for Cappellini, combines the wonderful malleability of DuPont™ Corian® with its rigidity into a rare pure balance.



Body equals Shape

Corian® is used to create a sofa “Caillou” where **SENSE MEETS SENSIBILITY**: an invitation to relaxation. Design by Scott Wilson.



Delugan Meissl



Aquili & Alberg



Christian Ghion



What is the optimal degree of fluidity?

To celebrate the 40th anniversary of the launch of DuPont™ Corian®, 40 designers each created a functional object to demonstrate the wide range of possibilities offered by the material. This ranges from the DuPont™ Corian® ability to be formed, routed, engraved and printed, to the palette of colours available.

For B&B Italia, Naoto Fukasawa unites a series of **NON-UNIFORM SHAPES** that appeal to the harmonic beauty found in nature. The tray and the bowls of the Vertigo and Vertigo Round versions are all in DuPont™ Corian®. Jakob Wagner created the square “Loop” trays, using the thermoforming capacities of DuPont™ Corian®.



Functionalism is key

Loftcube is a unique concept for a nomadic living space which satisfies contemporary needs in terms of **COMFORT AND FUNCTION**. Corian® has been used for much of the interior, for example the tops of the kitchen by Bulthaup and the top of the bar are in Corian® glacier white. The walls of the bath are characterized by a sliding panelling system, with the surfaces, shower pan and sink being made of DuPont™ Corian®. Design by Werner Aisslinger.



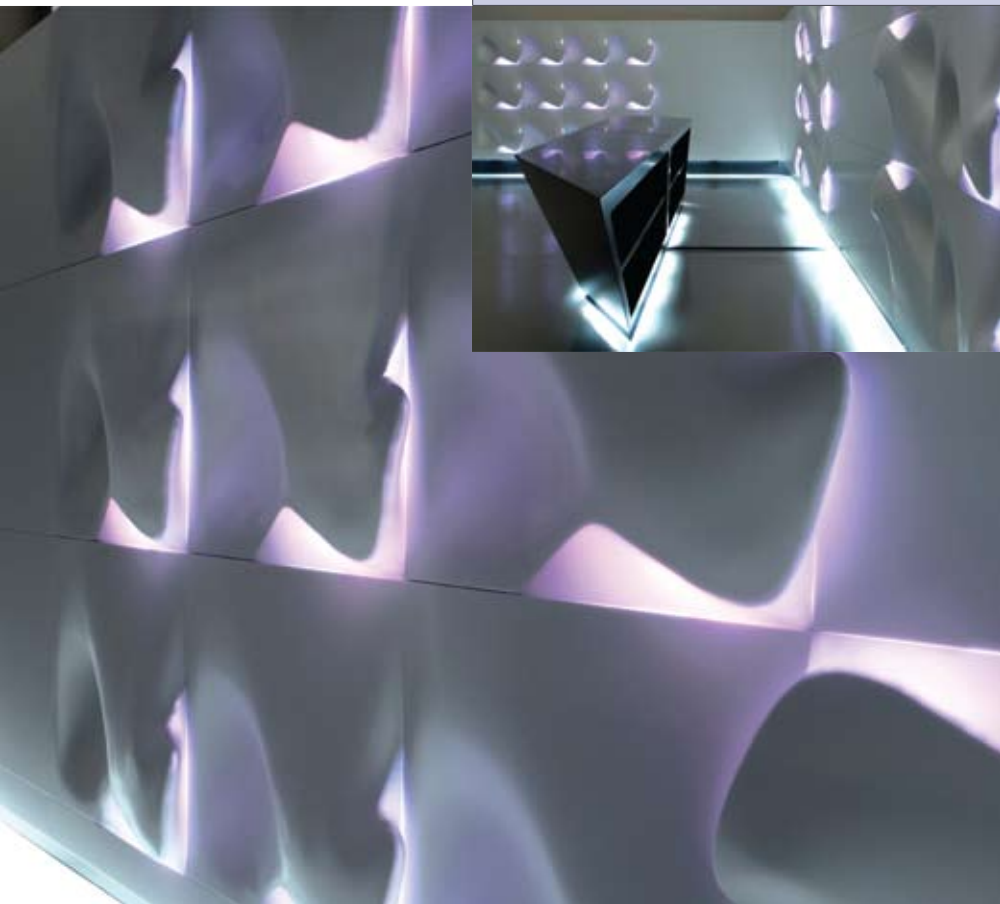


Flower power for a tower

The possibility to **EMBED GRAPHIC DESIGNS** into DuPont™ Corian® also applies when the material is used to develop outside cladding solutions, such as in this creation “The Flower Tower” by the Lorenz & Kaz design studio.

Walls get a new meaning

Z. Island by DuPont™ Corian® - With its **TRANSLUCENT AND MALLEABLE** properties, Corian® can be easily moulded to create the desired effect for any kind of environment or atmosphere. A wall becomes the perfect canvas for creating a 3D expression of light, shape and texture. Design by Zaha Hadid.



Inside out

Innovative, durable, irresistible

Whether for exterior cladding or interior decoration, using DuPont™ Corian® on vertical surfaces enables designers to opt for pure, clean and innovative lines with almost no limitation with regard to shapes and angles. Dealing with that most basic need of all, shelter, has entered a new era.

WEATHER NO LONGER HAS AN IMPACT
The weatherproof qualities of Corian® means that it can be used as cladding solution for a building’s exterior as well as for its interior.

Shape DOES MATTER Flexibility is the leitmotiv of Corian®, and as such imaginations can run wild. Pure white cladding contrasting with the clear blue sky? Why not? It is putty in the designer’s hands.

“We were impressed by this noble and rich material from DuPont, which enabled us to depart from traditional façade cladding systems,”

SAYS JEAN-CHRISTOPHE MASNADA
THE KING KONG ARCHITECTURAL OFFICE.



A Corian® skin

Seeko'o Hotel in Bordeaux conjures up images of an iceberg. The **MONOLITHIC EFFECT** and subtle sculptural language was achieved through a world first, the innovative use of DuPont™ Corian® as an exterior cladding element.





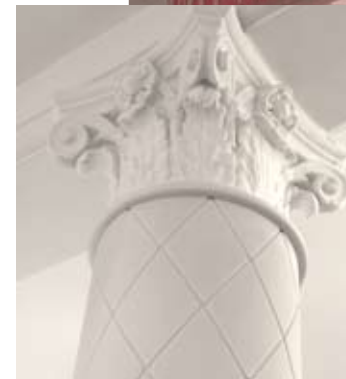
Bright curved walls

The "Rendez-vous Toyota" showroom used close to 400 square meters of DuPont™ Corian® in its Champs Elysées location to express its brands through **ARCHITECTURE AND LIGHT**. Approximately 1000 LEDs were embedded in the walls to provide an immaterial feeling within the space and to give visitors the impression of a fluid environment. Design by Ora-Ito.



Delicate walls

Chantal Thomass used DuPont™ Corian® in its flagship store to create a visual and tactile perception that is both **BRIGHT AND WELCOMING**. The cameo white hue works together with the lighting to create an inviting ambiance while the elaborate quilting effect on the material turns the panelling into a work of art. Design by Christian Ghion.



Linking the sun with the clouds

DuPont™ Corian® has been chosen by Amanda Levete for an installation that is dramatic both in **IMAGINATION AND SCALE**. Located on the Southbank outside the Royal Festival Hall, it takes the form a curving “wall” 8.5m wide x 19.5m long x 4.4m high made up of approximately 220 interlocking, thermoformed “leaves” made of DuPont™ Corian®.



The sunny side of Corian®


The “Tandem” collection, designed by Thomas Sauvage for Ego Paris, is a brilliant illustration of the **VERSATILITY** offered by DuPont™ Corian®, which enables designers to use the material for design elements as well as for furniture, both for indoors and out. The broad pallet of colours and almost endless shaping possibilities provide furniture designers with massive creative scope.



Create your own universe

A gleaming Urban Garden was created in the place of a dark outside courtyard through the use of cladding made of DuPont™ Corian®. This pool of sunshine brings much needed **LIGHT** into the adjacent apartment and it offers the convenience of **EASING CLEANING** thanks to the **DURABILITY** of the material. The inhabitants here truly bathe in sunshine. Design by David Giovannitti.





Flexible,
workable,
malleable

Virtual to real

Imagination **UNBOUND** materialises through these sculpted works where the malleability of the mind meets the fluidity of DuPont™ Corian®.

Morphing **IN 3 DIMENSIONS** to give meaning to shape, and shape to meaning. Corian® is a blank canvas yearning to be shaped by the designer's hands and mind.

Just as a sculptor shapes noble materials into an objet d'art, so can the designer shape the blank slate that is Corian® into a wide array of purely artistic or practical forms.

MALLEABLE

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Beyond the laws of Nature

"Resi-Rise" embodies liquid architecture and the futuristic visions made possible by DuPont™ Corian®. Built on an **AMORPHOUS** frame, the designers of this structure opted for Corian® due to its ability to offer virtually endless fabrication options from design to completion. Design by KOL/MAC Studio



Poetry in DuPont™ Corian®

Ron Arad presented concepts for a potential design for an "Upperworld" hotel in a renovated Battersea Power Station, using Corian® to convey his ideas. Two large **UNDULATING** pieces of DuPont™ Corian® face each other, as though in conversation, with a cutaway for graphics and lighting behind.



Organic lines & shapes

Philip Nash designed “the Gavin Jones Garden of Corian®” for the Chelsea Flower Show. This is **A STYLISH SYNTHESIS** of flora, natural elements and man-made ingenuity that takes full advantage of the sinuous formability, stone-like strength, intriguing colours and petal-silky finish of DuPont™ Corian®.



Neverending flexibility

Luca Nichetto created this design, which clearly epitomises the **FLEXIBILITY AND MALLEABILITY** of DuPont™ Corian®.

Bright, luminous, shining

Enlightened translucency

The translucent properties of DuPont™ Corian® are particularly well suited to designers who want to add the element of light to their creations. Now is truly the time for bright ideas!

Look **INTO THE SOUL OF CORIAN®** and see its boundless potential shine through. The wide range of available colours means that something can be found for every mood or environment.

THE LIGHT IN THREE DIMENSIONS. The ease with which Corian® can be formed into various shapes allows designers to create luminous objects featuring an endless range of surface effects that are anything but superficial.

Bright ideas find their shape

Missoni has teamed up with Corian® to express **THE DESIGN VERSATILITY** of the material for use in the kitchen, bathroom and dining and living areas. These creations showcase the extensive **COLOUR RESEARCH** for Corian® solid surfaces and the effects and combinations that this makes possible.

Light is cool

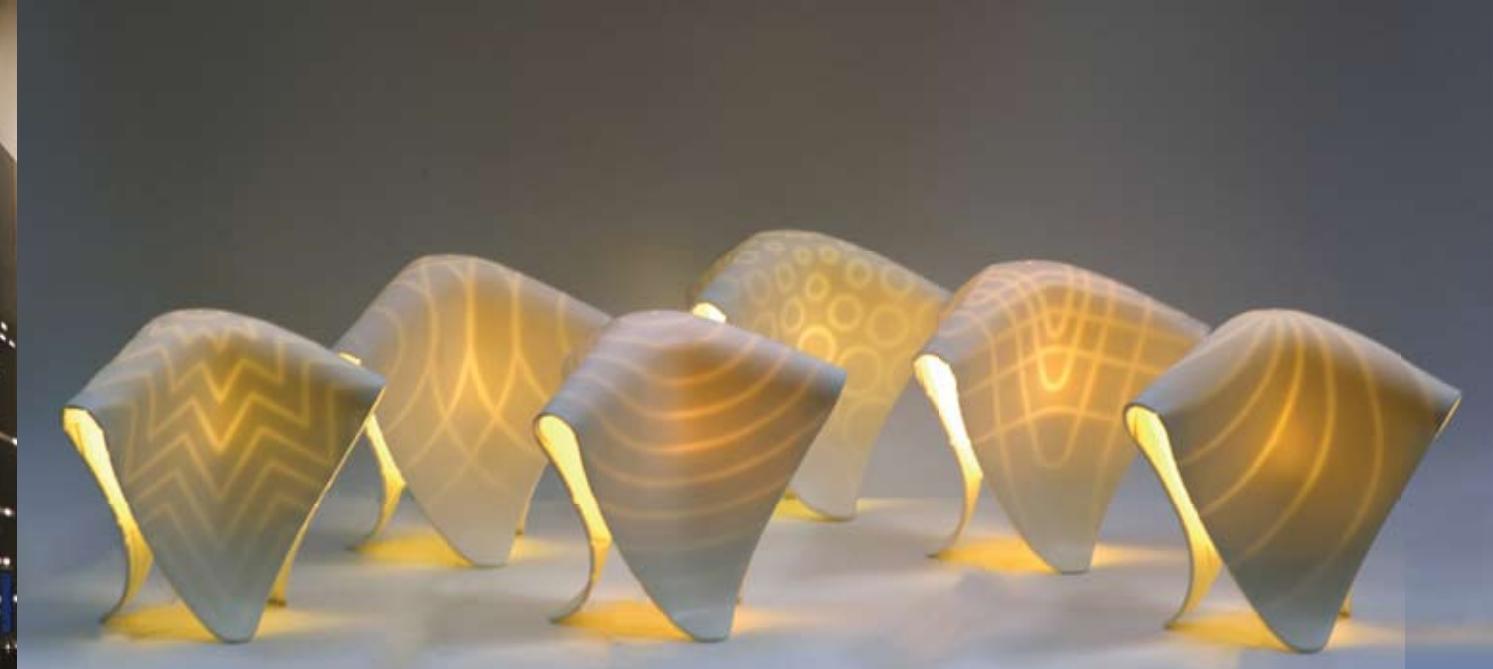
The **SCULPTURAL FORM** of the bar made of Corian® by Werk 5 and the LEDs imbedded in its structure makes for varying translucent colours which change at the touch of a hand.

Please discover the 100 Colours of Corian® on our web: www.corian.com



Dazzling effects

Jean Nouvel designed Corian® Nouvel Lumières to focus on light and to play with the **VARYING DEGREES OF TRANSLUCENCY** available with the material. The monolithic seamlessness of DuPont™ Corian® adroitly reveals the abstract refinement of the backlit designs and bas-relief engraving.



Folded light

Medusa, or the jellyfish, inspired these lamps made of Corian®. With **SWOOPING CURVES** and beautiful **SANDBLASTED PATTERNS** on the interior, the organic feel of these lamps is striking. Design by Claudia Carrasco.



The comfort of light

Borlind Spa showcases the innovation and plasticity offered by Corian®, as well as its advantages as a **NON-POROUS MATERIAL**, which is a major asset for areas requiring high levels of hygiene. Design by Burk Architekten.



Bright walls

A clinic in Taiwan designed by Michael Young and Katrin Olina Young features intricately designed **BACKLIT WALLS** in DuPont™ Corian® to create a quiet yet refreshing ambiance.

Noble graffiti

GS Tessuti Showroom features Corian® in almost every application, for example in the cladding, the furniture and the floor. One of the walls in Corian® has been decorated by **SUBLIMATION**, a state of the art technological solution.

Atelier : design by Architect Nicoletta Bertolissi - Soft and floral décor for the wall panelling: design by Tord Boontje (courtesy of Moroso)



The **TACTILE SKIN OF CORIAN®** naturally draws the human hand. The smooth, enticing surface is pleasant and warm to the touch and the multitude of colours and designs that can be created only add to the attraction.

Make **YOUR MARK** with the smooth texture of DuPont™ Corian® and entice others to share in your inspiration by touching their emotions and appealing to this basic human need.

Inviting, personalised, structured

Warmth and light welcome you to an environment which goes beyond merely seeing. The many surface treatment and endless design options made possible by DuPont™ Corian® take the spectator to another level by encouraging physical contact.

The sense of touch



Tapestry in Corian®

Lissoni translated the design of the Elie Tahari store into over 56 square meters of **TRANSLUCENT** Corian® featuring a non-repeating routed pattern. A 23 meter long backlit wall of carved translucent DuPont™ Corian® evokes a series of large floral vines.



These dreams start growing
Foliage by Ilaria Marelli is a place to get lost in dreams. This bed made of Corian® features an **ELABORATED** headboard and structure with branch and leaf motifs which invite you to sit or lay down and relax.



SKIN DECORATION

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Table decoration

Moroso Bon Bon coffee tables in DuPont™ Corian® in an assortment of shapes and sizes highlight **GRAPHIC DESIGNS** applied using sublimation technology.
Design by Tord Boontje.





Rácz Anikó

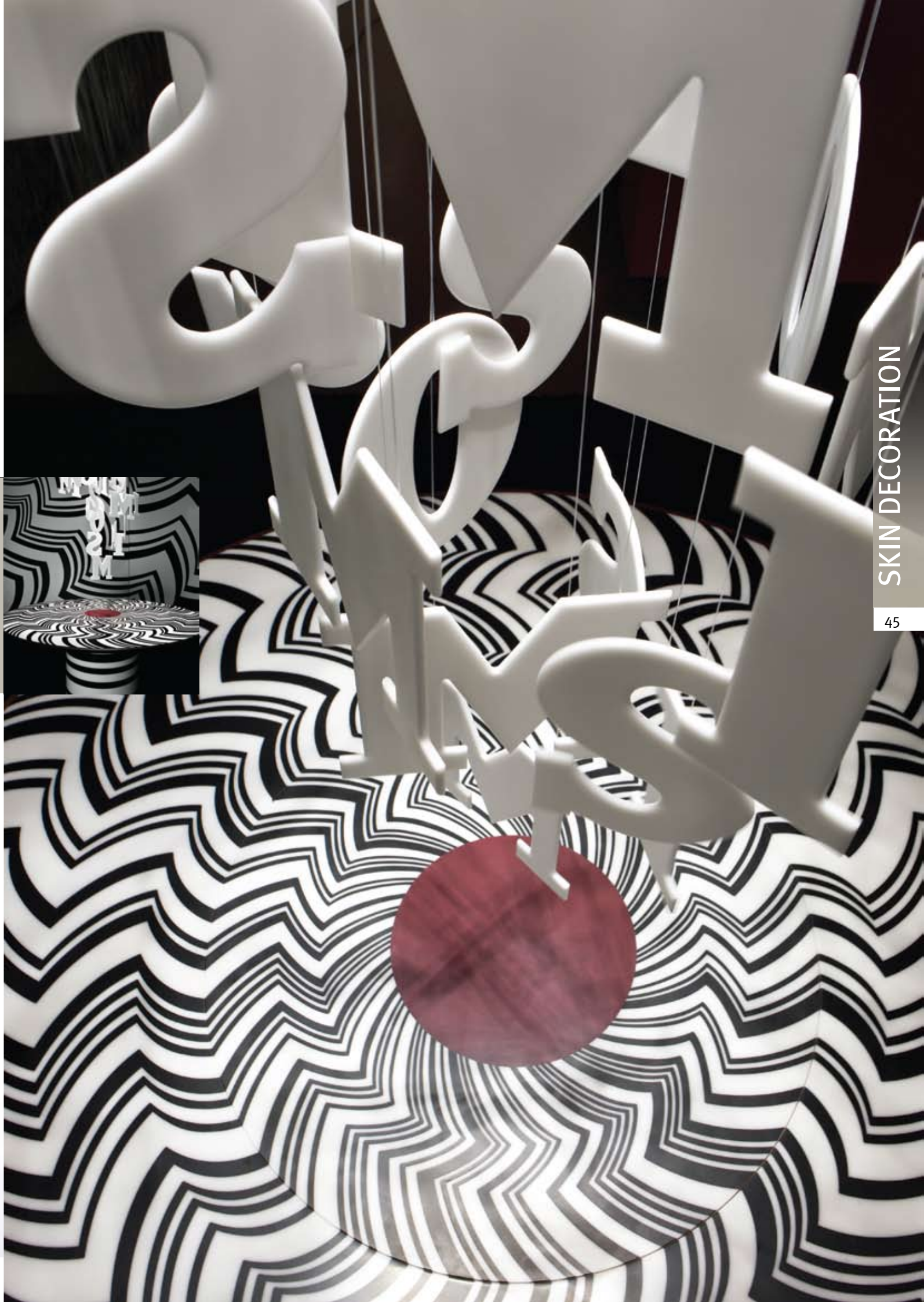
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Corian® as a chameleon

Consisting of a swivel top in which both the central circle and outer ring rotate like a “lazy Susan”, the top features this striking pattern, and has been machined in order to emphasise the **THREE-DIMENSIONAL NATURE** of DuPont™ Corian®: carved into translucent DuPont™ Corian® glacier ice, the pattern is filled with black resin, giving it a “jelly-like density”. Design by MissoniHome.



Jethro Macey



Communicate **WITH THE WALL OR THE FURNITURE** for cooking or heating.
An interface between man and material.

Keep **IN TOUCH** with smooth, pleasant surfaces made of DuPont™ Corian®.

Intelligent surfaces

Intelligent, direct, responsive

The possibility to embed touch sensors in DuPont™ Corian® enables designers to experiment with a unique type of human interface in numerous environments.



The future of cooking

The elegant, fluid and **MONOLITHIC SHAPE** of Z. Island by DuPont™ Corian® by Zaha Hadid is completely original. This futuristic kitchen environment in DuPont™ Corian® features information technology solutions as well as light, sound and aroma devices.



Interactive heating is cool
Jaga has created an interactive radiator using DuPont™ Corian® for the front panel, which features an **LED TEMPERATURE DISPLAY**. Design by James Davis.



Smart tables to play with
Electric Kid is the result of the insatiable imagination of Moritz Waldemeyer and a predilection for DuPont™ Corian®, LEDs, furniture, home entertainment and product design. **ENTERTAINMENT MEETS FUNCTIONALITY.**



MANIPULATE THE LIMITS OF SHAPE

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What is Corian®?

COMPOSITION OF DUPONT™ CORIAN®

DuPont™ Corian® is a solid, non-porous, homogeneous surfacing material composed of $\pm 1/3$ acrylic resin (also known as PolyMethyl MethAcrylate or PMMA) and $\pm 2/3$ natural minerals. The main mineral is Aluminium TriHydrate(ATH) derived from bauxite, an ore from which aluminium is produced. For more information on the composition of the material, please consult the DuPont™ Corian® Material Safety Data Sheets (MSDS) available at <http://msds.dupont.com> or from your local supplier.

KEY CHARACTERISTICS

RESISTANT

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 wear and tear. It resists most of the impacts, nicks and cuts that occur in heavy traffic areas. DuPont™ Corian® has been tested for its mechanical, thermal, electrical and other surface properties. Results of these specific tests as well as details on the other physical properties of DuPont™ Corian® can be consulted on page 57 in the “PERFORMANCE PROPERTIES” section of this book.

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 hygienic. DuPont™ Corian® surfaces do not support the growth of bacteria or fungi. DuPont™ Corian® has been certified by an independent laboratory as a hygienic material according to the international norm DIN EN ISO 846.

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.

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, DuPont™ Corian® is used in public areas and for sensitive applications such as airport check-in counters, walls and work surfaces in hospitals and hotels.

VERSATILE

The applications for DuPont™ Corian® are limited only by your own imagination. Pieces of DuPont™ Corian® can be glued together inconspicuously to create a seamless look, giving virtually unlimited design possibilities for surfaces. Long counters, for example, can be easily made in pieces in a workshop and then joined together at the installation site. Edges can be built up to look 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 new colour family, called the Illumination Series, consists of 6 colours in 6 mm and 12.3 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.

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. Both the material itself and the adhesives and sealants used to install it are GREEN GUARD Indoor Air Quality Certified® as producing low VOC emissions.

Production

DuPont™ Corian® is manufactured by DuPont as sheets and pre-formed shapes in three plants located in the USA, Japan and Korea. DuPont™ Corian® sheets are produced on continuous casting lines and DuPont™ Corian® shapes are produced through polymerization inside metal moulds using a continuous manufacturing process.

DUPONT™ CORIAN® PRODUCT DESCRIPTION

SHEET SIZES AND COLOURS

DuPont™ Corian® is available in various standard thicknesses and is easily cut to size by professional fabricators. All colours in the standard colour palette are available in 12.3 x 760 x 3658 mm sheets. A number of these colours are also available in various other sizes. Standard dimensions of DuPont™ Corian® sheets are:

4 mm sheet	930 x 2490 mm	
6 mm sheet	760 x 2490 mm	930 x 2490 mm
12.3 mm sheet	760 x 3658 mm	930 x 3658 mm
19 mm sheet	760 x 3658 mm	

FR COLOURS (EN 13501-1)

Sheets can also be supplied in an FR grade, which is more resistant to fire for applications in public areas and for cladding projects, according to norm EN 13501-1, classified as B - s1, do. Regular DuPont™ Corian® colours are classified as C - s1, do.

SHEET OPTIMISATION

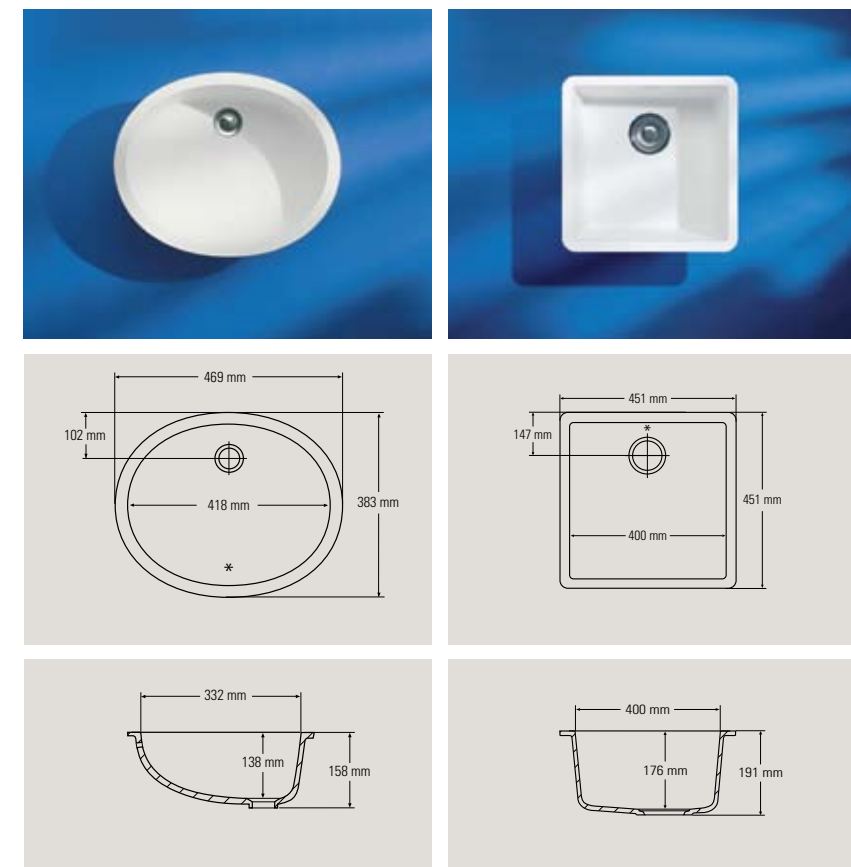
The final cost of DuPont™ Corian® fabricated products may be influenced by material wastage. In order to reduce costs, DuPont suggests that sheet optimisation be taken into consideration during the design process.

DUPONT™ CORIAN® JOINT ADHESIVE AND DUPONT™ CORIAN® SILICONE SEALANT

DuPont™ Corian® joint adhesive and DuPont™ Corian® silicone sealant are produced in a range of specific colours to co-ordinate with DuPont™ Corian® sheets and shapes. In order for the DuPont 10-Year Limited Installed Warranty to apply, all DuPont™ Corian® seams must be bonded with DuPont™ Corian® joint adhesive.

DUPONT™ CORIAN® SHAPES

A wide range of DuPont™ Corian® shapes created using cast moulding technology is available in 4 solid colours for custom integration with DuPont™ Corian® sheets in order to create a single, continuous surface. This includes vanity basins in solid colours for bathrooms, single and double sinks for kitchens, bars, small wash-up areas, hospitals and laboratories. Bonding DuPont™ Corian® shapes into sheets does not create any rims that might trap dirt or water, minimises cleaning and maintenance and provides improved hygiene. Care, maintenance and installation instructions are included in the packaging. Appropriate accessory products, including installation hardware, are available and recommended for residential kitchens only.



Please discover our collection of Corian® sinks and bowls on the web: www.corian.com

STANDARD THERMOFORMED SHAPES

Sinks and bowls in different shapes and dimensions created by thermoforming and bonding together pieces of DuPont™ Corian® are available in all colours. A number of independent companies manufacture and distribute these shapes through the Quality Network. This enables architects and designers to achieve particular aesthetic effects, such as unbroken colour continuity for an entire work surface. Thermoformed shapes made with DuPont™ Corian® and shapes resulting from an additional production process on the DuPont™ Corian® sheet are not covered by the DuPont Warranty. For the full range of shapes, please contact the DuPont™ Corian® hotline, the details of which are on the back cover.

CUSTOM SHAPES

Thanks to their extensive experience in DuPont™ Corian® fabrication, most Quality Network fabricators can make practically any shape specified by designers by thermoforming and joining together pieces of DuPont™ Corian®. These custom shapes, however, are not covered by the DuPont Warranty.

HOW TO SPECIFY DUPONT™ CORIAN®

Five points to remember when specifying DuPont™ Corian®:

- 1** Specify product manufacturer: Corian® is made only by DuPont.
- 2** Specify nominal thickness: 12.3 mm for horizontal applications or 6 mm for vertical applications. For special thicknesses, please contact your DuPont™ Corian® representative.
- 3** Specify exact colour(s) by name. Please visit our website at www.corian.com
- 4** Specify code references and colours: be sure to specify the exact code references and the colours of bowls and sinks (e.g. 810 S cameo white). Please visit our web site at www.corian.com
- 5** Specify fabrication and installation: to ensure that the fabrication and installation of your job meet the requirements for the DuPont 10-Year Limited Installed Warranty, specify that the work must be carried out by a DuPont Authorised Quality Network fabricator.

PERFORMANCE PROPERTIES OF CORIAN® PRODUCTS

PROPERTY	TEST METHOD	TYPICAL RESULTS		UNITS	*
		6 mm sheet	12.3 mm sheet		
Density	DIN ISO 1183	1.73 – 1.76	1.68 – 1.75	g/cm³	1
Flexural modulus	DIN EN ISO 178	8920 – 9770	8040 – 9220	MPa	1
Flexural strength	DIN EN ISO 178	49.1 – 76.4	57.1 – 74.0	MPa	1
Elongation at break	DIN EN ISO 178	0.58 – 0.94	0.76 – 0.93	%	1
Compressive strength	EN ISO 604	178 – 179	175 – 178	MPa	1
Impact resistance (spring load)	DIN ISO 4586 T11	> 25	> 25	N	1
Impact resistance (ball drop)	DIN ISO 4586 T12	> 120	> 120	cm	1
Surface hardness (Mohs index)	DIN EN 101	2-3	2-3		1
Resistance to surface wear	DIN ISO 4586 T6	63 – 75	58 – 63	Lost weight mm³/100 rev.	1
Resistance to boiling water-increase in weight	DIN ISO 4586 T7	0.1 – 0.7	0.1 – 0.3	%	1
Resistance to boiling water-surface change	DIN ISO 4586 T7	No visible change	No visible change		1
Dimensional stability at 20°C	DIN ISO 4586 T10	< 0.16	< 0.16	% change in length	1
Resistance to dry heat-180°C	DIN ISO 4586 T8	4-slight change	4-slight change		1
Lightfastness (Xenon arc)	DIN ISO 4586 T16	> 6	> 6	Blue wool scale	1
Anti-slip properties-with 100 mm grit	DIN 51130:1992-11	5.8° – do not pass R9 requirement (6° min)		° angle	2
Anti-slip properties-with 120 mm grit	DIN 51130:1992-11	7.6° – pass R9 requirement (6° min)		° angle	2
Anti-slip properties-with 150 mm grit	DIN 51130:1992-11	8.1° – pass R9 requirement (6° min)		° angle	2
Resistance to bacteria and fungi	DIN EN ISO 846	Does not support microbial growth			3
Electrostatic surface behaviour	DIN IEC 61 340-4-1		> 1 x 10 ¹²	W	4
Calorific potential	NF EN ISO 1716		9.15	KJ/g	5
Smoke index	NF F 16-101	Class Fo	Class Fo		6
Reaction to fire	NF P 92-501	Class M2	Class M2		7
Reaction to fire (Corian®)	EN 13501-1:2003	Euroclass C –s1, do	Euroclass C –s1, do		8
Reaction to fire (Corian® FR)	EN 13501-1:2003		Euroclass B –s1, do		8
Fire behaviour (Corian® FR)	DIN 4102-1		Class B1		9
Fire tests (Corian® FR)	BS 476 part 6 & 7		Class o		10
Fire testing - railroad vehicle	DIN 54837		S4, SR 2, ST 2		11
Smoke toxicity	DIN EN ISO 5659-2		Pass		12

(1) test report Q IWQ MBL 733 1785-1 (for classification according to DIN EN 438 part 1 & 7) from LGA –Germany/04-2004

(2) test report BMW 0411048-03 from LGA-Germany/03-2004

(3) test report 5642219 from LGA-Germany 03/2004

(4) test report EMA-SMG-814 1131 IWQ-MBL 734 1109 from LGA-Germany/03-2004

(5) test report 11624-04 from SME/SNPE-France/03-2004

(6) classification reports 11631-04 & 12260-05 from SME/SNPE-France/03-2004 & 05-2005

(7) classification reports 11625-04 & 12261-05 from SME/SNPE-France/03-2004 & 05-2005

(8) classification reports ES131024 & ES131025 from Warrington Fire Research-UK/03-2003

(9) test report 230005623 from MPA NRW-Germany/2006

(10) test reports 154054 & 154053 from Warringtonfire-UK/06-2006

(11) test report P60-08-0018 (classification according to DIN 5510-2) from RST-Germany/01-2008

(12) test report P60-08-3107 from RST-Germany/02-2008.

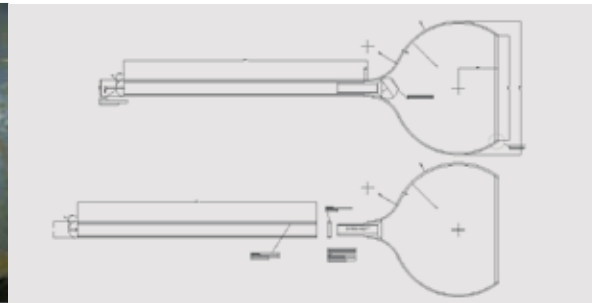
Fabrication & finishing

DIFFERENT WAYS TO CREATE

The process below illustrates how DuPont™ Corian® can be transformed from sheets into, for example, an innovative speaker mounting system. It can be clearly seen here that creating with DuPont™ Corian® is an exercise of both craftsmanship and innovation.



Plywood male and female mould



Assembly / construction drawing of the listening shell



Thermoformed parts



Seam preparation by trimming



Applying DuPont™ Corian® joint adhesive to the seam



Assembly of 2 quarter pieces to half a shell



Final trimming of the shell



Final sanding of the shell



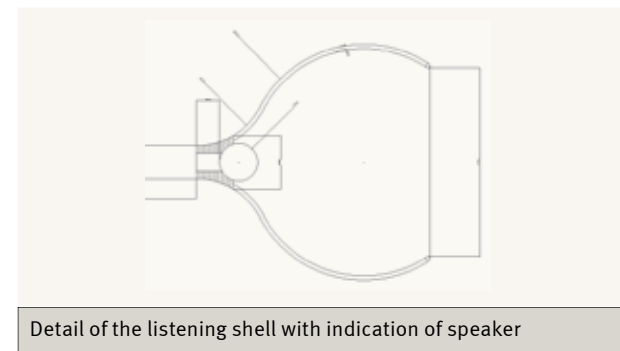
Assembly of 2 halves of a shell



Seaming of 2 segments to make a quarter



Seaming of the quarter piece has been completed and is ready for sanding



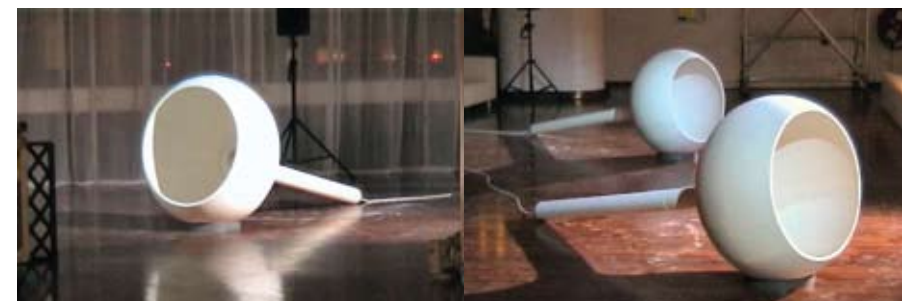
Detail of the listening shell with indication of speaker



Final assembly of the shell



Finished quarterpiece



Completed listening shell

BASIC FABRICATION TECHNIQUES

DuPont™ Corian® is a material which combines the durability of stone with the workability of hardwood. It is impossible to cover all fabrication techniques in this book, but the following sections describe the most important elements.

CUTTING

DuPont™ Corian® is harder than wood. In order to cut a full sheet to obtain the desired pieces, saws and routers must be powerful enough to work the material properly. Straight cuts are made with a circular saw with carbide-tipped or diamond-tipped teeth. Curved cuts are made with manual routers or with numerically controlled routers (CNC), depending on the number of identical pieces that need to be cut. Rounded inside corners are routed in order to prevent cracking. Router bits must have tungsten carbide tips.

SEAMING

All the edges of the pieces to be joined must be straight, square and thoroughly cleaned using ethanol on a clean white cloth before applying adhesive. Two-component DuPont™ Corian® joint adhesive in the appropriate matching colour should be used to obtain inconspicuous seams - one of the key features of DuPont™ Corian®.

SANDING

Surfaces are sanded with a random orbital sander following the “North-South, East-West” direction using small circular motions. Sanding is to be done in several steps from rough to fine grades of sandpaper.

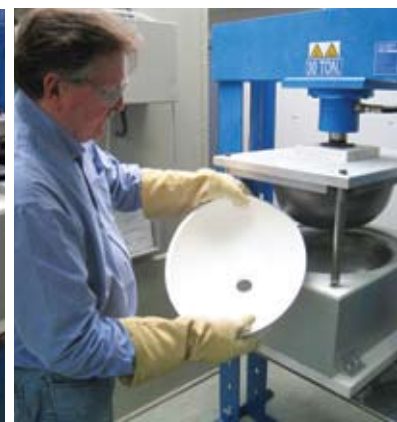
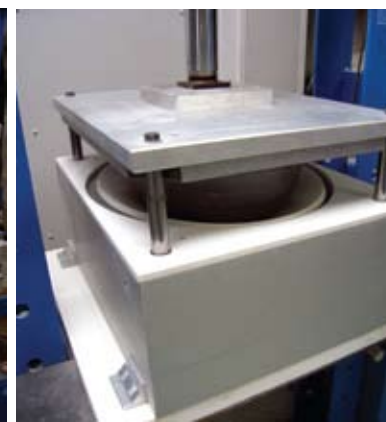
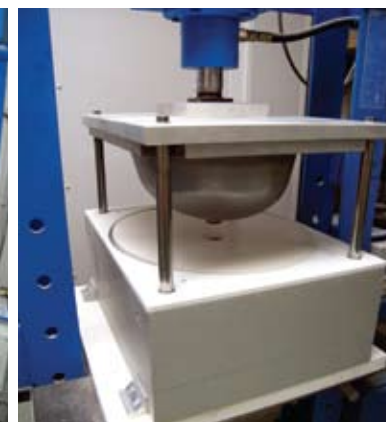
The finish can be varied from matt to high-gloss, depending on the effect the designer wishes to obtain. DuPont suggests a semi-matt finish, which is the easiest finish to obtain and maintain. High-gloss finishes tend to dull over time, especially in areas which see intense use.



ADVANCED FABRICATION TECHNIQUES

THERMOFORMING

DuPont™ Corian® can be thermoformed using plywood or metal moulds at temperatures of approximately 160°C. DuPont™ Corian® may be formed up to an internal radius starting at 25 mm with two dimensional thermoforming, depending on the thickness and the colour of the sheet. Even cooling in the mould will prevent residual stresses and provide superior results. Thermoformability differs depending on the saturation or particle loads in the sheet.



INLAYS

Inlaying DuPont™ Corian® with different materials or with different colours of DuPont™ Corian® can enhance the inherent beauty of the material. Various inlay materials are compatible with DuPont™ Corian®. DuPont suggests avoiding large inlays containing metals because of their high thermal expansion coefficients. Logos can be easily created using inlays in DuPont™ Corian®.

SUBLIMATION

Known as “image transfer by sublimation”, this technique allows designers to personalise DuPont™ Corian® in a completely new way. The sublimation process consists of transferring images into a sheet of DuPont™ Corian® so that - almost like a human tattoo - a permanent image is created within the surface. The printed DuPont™ Corian® can then be re-polished and thermoformed in the same way as unprinted DuPont™ Corian®. Image transfer by sublimation is a new tool for communication and for enhancing creative expression by designers, engineers and architects.

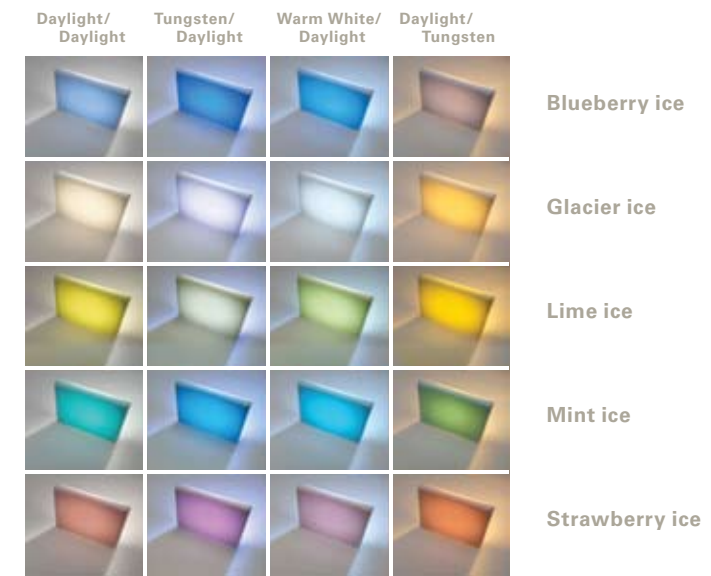


TRANSLUCENCY

Translucent effects can be obtained via the use of translucent colours or by reducing the thickness of standard DuPont™ Corian® colours.

THE ILLUMINATION SERIES

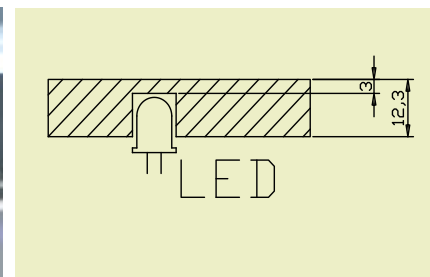
The colour effects from these materials change dramatically when backlit. When the lighting system behind your design is turned on, the pastel appearance disappears and the appearance is dominated by the aesthetics of the light source. Be creative! Test each one of these with different types of light sources to see the many variations and shades of white light and the effects using coloured light. You will be amazed by the possibilities!



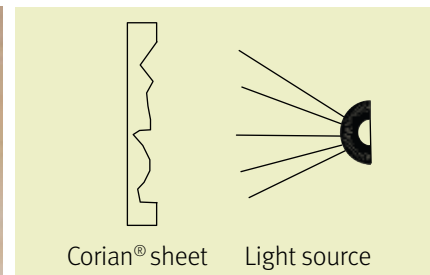
TRANSLUCENCY BY REDUCING THICKNESS

In certain colours and thicknesses, DuPont™ Corian® reveals its full radiance and depth when it is exposed to light. This quality lends DuPont™ Corian® not only to the creation of atmospheric room lighting, but also to sensuously-shaped lamps, dramatically illuminated furniture, and screens which reveal an intricately-carved pattern when backlit.

In particular, lighter and solid colours are the best for use in this kind of application. These kinds of effects can be obtained by locally reducing the material's thickness via routing or engraving. For greater light transmission, DuPont™ Corian® can be reduced to a thickness of 2-3 mm to allow more light to pass through. When a specific point of light is required, an integrated LED light source positioned in the back of a hole is a good option. This type of set-up is often used to create a logo or signage.



To obtain a more diffuse effect, the light source is generally installed at a distance (typically 15 cm) from the back of the panel. The routing can be done with a CNC machine in any kind of pattern or design. Playing with varied depths of the routed pattern and creating a 3D relief gives the possibility to create an effect reminiscent of a painting.



TEXTURE (CNC/BAS-RELIEF)

DuPont™ Corian® makes it possible to obtain innovative three dimensional effects, which gives a new perspective to architectural design and home decoration. Creating a 3D texture on DuPont™ Corian® can be done through CNC routing or via bas-relief. With the bas-relief technique, the DuPont™ Corian® panel is heated to 160°C and then pressed on a “stamp” with the required pattern.

SAND BLASTING

Just like wood, glass and other materials, DuPont™ Corian® can be sandblasted with different mediums. Playing with the roughness and depth of the blasting can create numerous effects. This technique can be used for signage and wall cladding, or to add dramatic accents to a design piece.

BASIC GUIDELINES FOR DESIGNING WITH DUPONT™ CORIAN®

Perimeter supports are used on the underside of a DuPont™ Corian® countertop to avoid warping and cracking. The perimeter support strips should be made in moisture-resistant MDF or moisture-resistant plywood. DuPont™ Corian® countertops are bonded to the support strips using flexible silicone adhesive. Never screw directly into DuPont™ Corian®. All Internal corners should be radiused.

The required method for installing square hobs is the high-strength cut-out. This technique has been patented by DuPont and it is the best and most effective way to avoid cracking around hobs. Flush-mounted hob units integrated into a DuPont™ Corian® countertop are covered by the DuPont 10-Year Limited Installed Warranty, provided that the recommended fabrication and installation guidelines have been followed. These guidelines are included in the DuPont™ Corian® fabrication manual, and Quality Network DuPont™ Corian® fabricators have the necessary knowledge to install any type of hob.

THERMAL EXPANSION

The thermal expansion of DuPont™ Corian® is approximately 1 mm per meter with a temperature change of 30°C. Always leave a gap of at least 1.5 mm to allow satisfactory caulk penetration.

Specific applications

VERTICAL SURFACES

INTERIOR WALL CLADDING

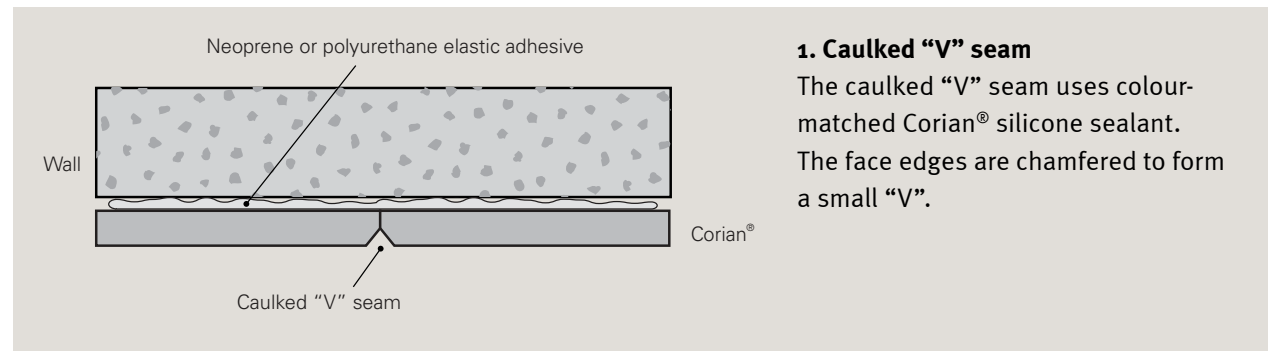
Ideal supports for DuPont™ Corian® are:

- Water-resistant gypsum board
- Moisture-resistant plywood
- Moisture-resistant MDF
- Any sound tile surface
- Plasterboard sheeting
- Master board

When covering old tiles, remove all loose and broken tiles. All tiles must be cleaned with clear denatured alcohol prior to fixing DuPont™ Corian® to the surface.

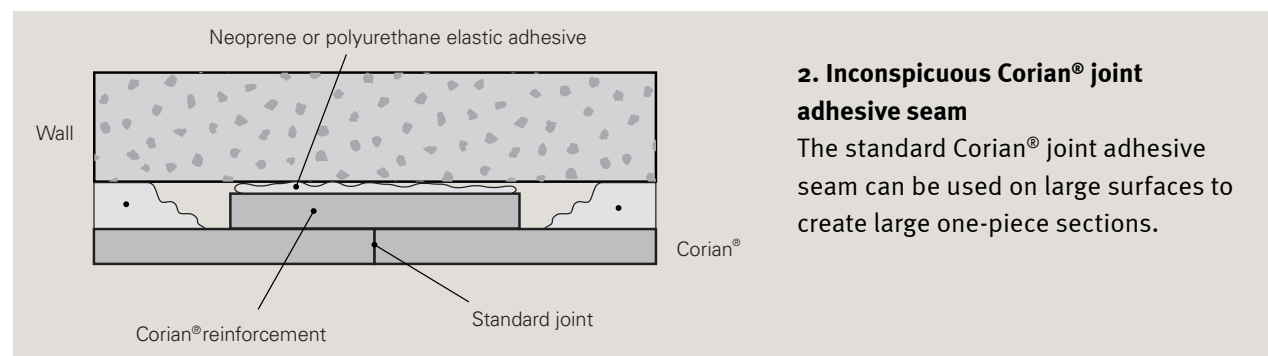
The installation must allow for expansion and contraction, and as a result flexible adhesives should be used.

There are two types of seams for vertical applications:



1. Caulked "V" seam

The caulked "V" seam uses colour-matched Corian® silicone sealant. The face edges are chamfered to form a small "V".



2. Inconspicuous Corian® joint adhesive seam

The standard Corian® joint adhesive seam can be used on large surfaces to create large one-piece sections.

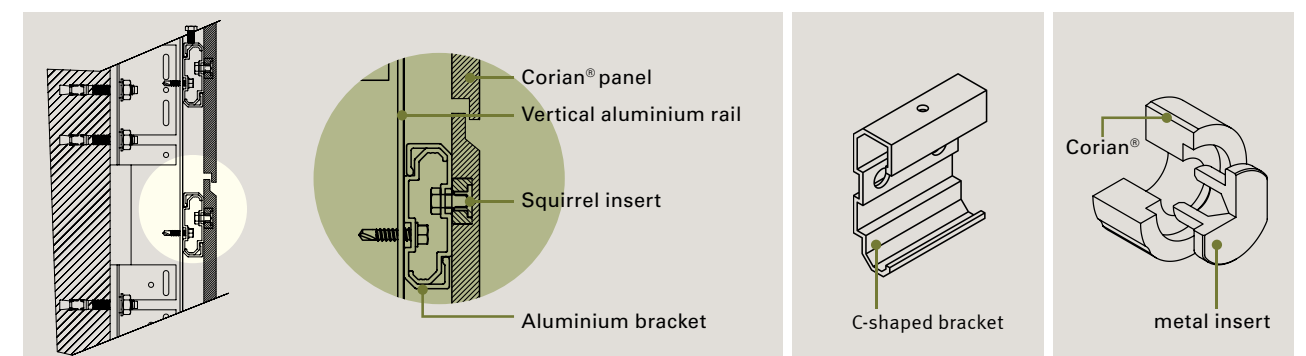
EXTERIOR WALL CLADDING

The design versatility and performance features of DuPont™ Corian® - the availability of different colours and aesthetics, custom colours, textures and finishes, the ability to shape and form the material, and its exceptional durability and renewability - have led a number of architects and designers to use DuPont™ Corian® for exterior applications. These have included street signage and benches, bus stop canopies and shop facades, and more recently even façade cladding. To satisfy this growing interest, DuPont has developed a testing program to evaluate the potential of DuPont™ Corian® for exterior applications. Please contact the local DuPont office for all your questions regarding commercial or residential building façades.

In general, DuPont™ Corian® offers good resistance to UV rays, but certain colours perform better than others in terms of weather resistance and fading. While the physical properties of DuPont™ Corian® are not adversely affected by outdoor exposure, surface gloss can be reduced.

Contrast between veining and background colour may be reduced and slight background colour changes may be observed over time. These changes can be removed by periodic sanding, but this refurbishing step is not always practical, such as in cases where DuPont™ Corian® is used for covering large architectural surfaces like building façades. The table on the right-hand page shows which colours are most suitable for exterior cladding.

When using DuPont™ Corian® in exterior applications, it is especially important to mount the material on a substrate or sub-frame using a method that allows for the thermal contraction/expansion of the material.



Overlapped or open joints are located on all panel edges. The joint width depends on the thermal expansion coefficient of Corian® and the panel dimensions. The minimum horizontal width is 16 mm, and the minimum vertical width is 8 mm.

Coloured all the way through, DuPont™ Corian® made-to-measure panels offer easy installation. The C-shaped brackets are attached to inserts embedded in the material. They clip onto the secondary framework every 45 cm. The lifting system has to be designed carefully, as the fixing system allows a tolerance of only 1 cm for attaching each panel to the framework. The panels can be lifted by using a metal frame with suction cups, or by using a movable platform.

COLOUR SELECTION RECOMMENDATIONS FOR EXTERIOR USE

Colour stability is an important consideration in selecting a material for exterior use. Individual colours of Corian® have different levels of colour stability for exterior applications. DuPont has set up a test program in order to better understand the weathering performances of different colours of Corian®.

Testing at the DuPont Weathering Station in Florida was performed in accordance with ASTM G7. Panels of Corian® were exposed facing south at 45° from the horizontal for a two-year period. In certain cases, preliminary colour assessments were made based on accelerated xenon arc light test in accordance with ASTM G155 and Florida exposure testing of comparable Corian® colours. All exposure testing was performed on material with a nominal thickness of 12.3 mm.

Colour changes for both tests were measured with instruments and calculated in units of ΔE (total colour difference) as defined in ASTM D2244. The colours listed on the table below offer good colour stability with a colour change less than or equal to 5 ΔE units over 10 years based on tests carried out according to the ASTM standards described above.

Please contact DuPont for information on the weathering performances of other Corian® colours and for further advice on colour selection for exterior use.

COLOUR SELECTION RECOMMENDATIONS FOR EXTERIOR USE			
These colours offer good colour stability with a colour change of less than or equal to 5 ΔE units in 10 years			
abalone	adobe	antarctica	aurora
aztec gold	beach glass	beige fieldstone	bisque
blackberry ice	blue pebble	bone	butter cream
cameo white	caribbean	clam shell	dove
dusk	eclipse	everest	festival
fossil	glacier white	gray fieldstone	linen
night sky	pepper ivory	primrose	sahara
savannah	seashell	summer sky	tarragon
tumbled glass	vanilla	venaro white	whitecap

FLOORING

DuPont™ Corian® can be used as a flooring material in low traffic areas where high abrasion resistance is not required. DuPont™ Corian® is warm to the touch, making it ideal for bathroom floors on which people walk barefooted. This application allows for the possibility of material and colour co-ordination between the floor, walls and vanity tops. The following characteristics make DuPont™ Corian® the perfect material for this specific application: inconspicuous joints to give the impression of a continuous floor with the option of a coved connection between the floor and walls, decorative inlays in contrasting colours, easy maintenance to remove superficial scratches and surface damage.

DuPont™ Corian® can be installed on any flat surface suitable for tiling including dry concrete, moisture-resistant plywood, water-resistant gypsum board, vinyl or even existing tiled floors. If the substrate is not solid and uniform, loose parts must be removed and gaps filled with broken tile and tile adhesive. All surfaces must be steady, horizontal, perfectly flat and clean. Any residue such as dust, oil or wax must be eliminated before starting the installation process. An epoxy adhesive can be used to attach DuPont™ Corian® to the substrate to allow for expansion. To maximise slip resistance, particularly in wet areas, it is recommended to roughen the surface by sanding with 120+ μm grit paper. When fabricating a floor in DuPont™ Corian®, it is important to avoid trapping uncured adhesive, which could weaken the flooring system.

Installation & maintenance

INSTALLATION

It is a condition of the 10-Year Limited Installed Warranty Program that a Quality Network member must carry out the installation. This is due to the fact that the quality of the finished DuPont™ Corian® surface is strongly dependent on proper installation. Large DuPont™ Corian® countertops are usually fabricated in pieces in the workshop and joined on site, which facilitates transportation and reduces the risk of breakage.

MAINTENANCE

DAILY CARE

DuPont™ Corian® is easy to clean. Its fresh, hygienic appearance can be maintained by wiping up spills, grease and stains with a damp cloth and soapy water, using ammonia based “hard-surface” cleaner or a mild cream abrasive cleanser or common household degreaser, and then wiping dry with a soft cloth. Sinks should be cleaned thoroughly to remove greasy deposits and stains. Once or twice a week, they should be partially filled with warm water and 1-2 teaspoons of liquid bleach and then left to sit for a few hours or overnight. To prevent lime scale build-up from hard water, counters should be damp-wiped and then dried. In difficult areas, such as around drains or taps, a household lime scale remover can be used occasionally.

ABUSE

DuPont™ Corian® is inherently “renewable” because it is solid and homogeneous all the way through. Most damage, including severe impact, heat or chemical damage, can usually be repaired on-site and the original smooth, hygienic solid surface restored. For professional sanding of a DuPont™ Corian® work surface, contact your local supplier, who should be able to refer you to a local DuPont™ Corian® Quality Network Fabricator or Service Centre. DuPont™ Corian® Quality Network Service Centres are approved by DuPont to carry out expert repair work. They can also handle installation work and offer maintenance contracts to commercial customers who wish to keep their DuPont™ Corian® installations in prime condition.

RECOMMENDATIONS

HEAT

- Always use a heat protection pad, trivet (with rubber feet) or protective sink mat for hot cookware, or leave cookware to cool on the hob first. Never place hot pans, particularly cast iron pans, directly onto a DuPont™ Corian® top or in a sink. Excessive heat can damage any surface.
- Pouring boiling liquids directly into sinks without turning on the cold tap may damage your DuPont™ Corian® surface.
- Always use the correct-sized pan on the burner and place it centrally since an overhanging pan may scorch the adjacent surfaces.

SCRATCHES

- Like all materials, DuPont™ Corian® will develop slight abrasion marks as a result of normal daily use. Please note the following:
- Never cut or chop on DuPont™ Corian® as this will score the work surface. Use a cutting board instead.
 - Dark, heavily pigmented colours will show scratches, dust and ordinary wear and tear more readily than lighter, textured colours (for more details, refer to the separate colour chart printed on the interior of the book cover or to a colour brochure).

CHEMICAL SPILLS

Accidental spills of strong chemicals (e.g. paint stripper, brush cleaners, metal cleaners, oven cleaners, cleaners containing methylene chloride, acid drain cleaners, acetone-based nail polish removers, etc.) should be flushed promptly with plenty of soapy water to avoid damaging worktops. For nail varnish spills, non-acetone based remover can be used and then flushed with water. Undetected or prolonged exposure to chemicals may damage the surface. Please refer to the DuPont™ Corian® spec datasheet with your local supplier or visit www.corian.com for additional details regarding chemical exposure, clean up methods and general maintenance. In case of exposure outside the specifications listed in our spec data, the 10-Year Limited Product Warranty will be void and handled as a case of abuse.

QUALITY NETWORK

In order to transform DuPont™ Corian® into designer creations, DuPont has developed a Quality Network of people dedicated to delivering the very best standards of installation and service.

Their primary goal is to ensure that customers are highly satisfied with their DuPont™ Corian® installations. The members of the DuPont™ Corian® Quality Network are:

- Authorised DuPont™ Corian® fabricators/installers
- DuPont™ Corian® Service Centres
- Warranty Co-ordinators

All members have been trained by DuPont in the fabrication, installation, repair and maintenance of DuPont™ Corian® solid surfaces. Quality Network members are also responsible for applying and fulfilling the 10-Year Limited Installed Warranty Program.

SERVICE CENTRES

Service Centres are independent companies operating in a network under an agreement with DuPont. They install DuPont™ Corian®, handle warranty claims quickly and efficiently, and implement and execute the DuPont™ Corian® Care and Maintenance Program at pre-determined rates. Their main objective is to provide the highest possible level of customer satisfaction.

WARRANTY

DuPont offers two levels of warranty protection for DuPont™ Corian®: product and installed.

The Product Warranty is standard for all DuPont™ Corian® products and ensures that they will be free of manufacturing defects for a period of 10 years after purchase.

A higher level of coverage, the Limited Installed Warranty, is only available when fabrication and installation is carried out by a DuPont™ Corian® Quality Network fabricator.

This Limited Installed Warranty expands the Product Warranty and also ensures that the fabrication and installation of the finished product will be free of defects.

For further information, please contact your local DuPont™ Corian® office.

This information corresponds to our current knowledge on the subject. It is offered solely to provide suggestions for your own experimentation. It is not intended, however, as a substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available, since we cannot anticipate all variations in the actual end-use of Corian®.

Nothing in this publication is to be considered as a license under which to operate or a recommendation to infringe any patent right.

LEGAL NOTICE

INTELLECTUAL PROPERTY

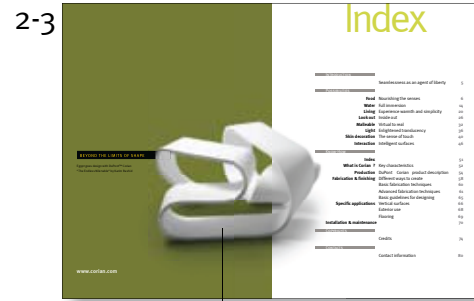
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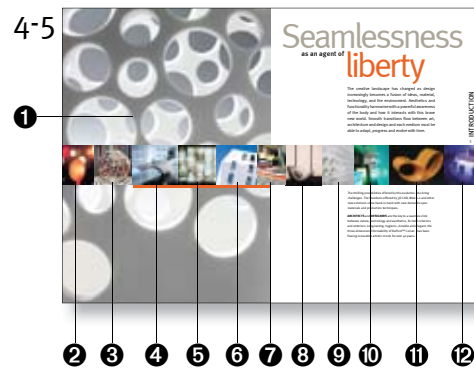
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- 💡 Name of design or product
- 🏠 Name of producer or manufacturer
- 👤 Name of designer
- ➡ Name of place or event

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- 1 💡 “Endless Nile” table 🏠 AMR Helmy Designs 👤 Karim Rashid
Photo courtesy of Karim Rashid Inc.



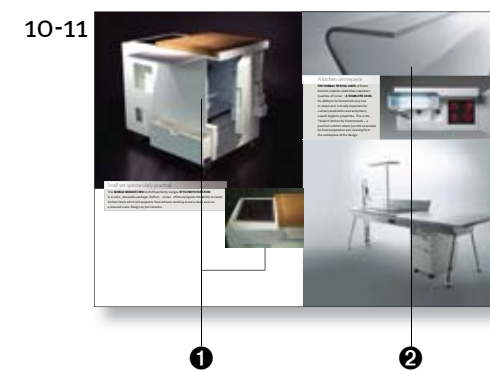
- 1 💡 “Le Vase” 👤 Christian Ghion ➡ “Corian®: 40 Years - 40 Designers”, Milan, April 2007 Photo Leo Torri for DuPont™ Corian®
- 2 💡 “Diode” lamps 👤 Marc Newson ➡ “De-lighted by Corian®”, Milan April 2003 Photo Miro Zagnoli for DuPont™ Corian®
- 3 💡 “The Spool” 👤 Rosita and Luca Missoni ➡ “Corian® loves Missoni”, Milan, April 2008 Photo Leo Torri for DuPont™ Corian®
- 4 💡 Kitchen island 👤 Zaha Hadid ➡ “Z. Island by DuPont™ Corian®”, Milan, April 2006 Photo Leo Torri for DuPont™ Corian®
- 5 💡 Kitchen environment 👤 Jean Nouvel ➡ “Corian® Nouvel Lumières”, Milan, April 2007 Photo Leo Torri for DuPont™ Corian®
- 6 💡 Seeko’o Hotel 👤 Atelier d’architecture King Kong ➡ Bordeaux, France Photo Arthur Péquin
- 7 💡 Bathroom environment 👤 “Estelle” pattern (on carpet and vanities) by MissoniHome; PHC vanities by Boffi ➡ “Corian® loves Missoni”, Milan, April 2008 Photo Leo Torri for DuPont™ Corian®
- 8 💡 Backlit partitions 👤 Rosita and Luca Missoni; “Esmeraldas” pattern by MissoniHome ➡ “Corian® loves Missoni”, Milan, April 2008 Photo Leo Torri for DuPont™ Corian®
- 9 💡 “ON/Off (and everything in between)” 👤 Build (London) & Commonwealth (New York) ➡ Espeis Archetype gallery Photo Zoe Coombes
- 10 💡 Illuminated cubic seating and wall panneling 👤 Rosita and Luca Missoni; “Onda” pattern by MissoniHome ➡ “Corian® loves Missoni”, Milan, April 2008 Photo Leo Torri for DuPont™ Corian®
- 11 💡 “Oh-Void” chair 👤 Ron Arad ➡ Lo-rez-dolores-tabula-rasa, Milan, April 2004 Photo Tom Vack for DuPont™ Corian®
- 12 💡 “Vitamin bar” 👤 James Irvine ➡ De-lighted by Corian®, Milan, April 2003 Photo Miro Zagnoli for DuPont™ Corian®



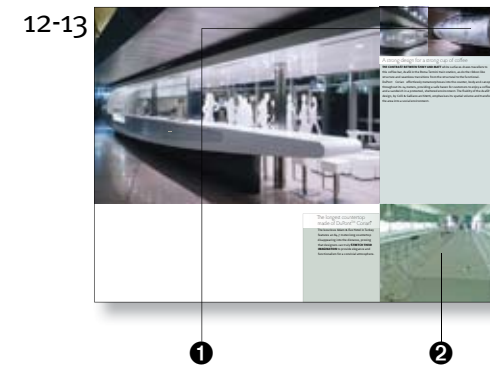
- 1 💡 “Evonoma” kitchen 🏠 Evonoma 👤 Peter Ravbjerg
Photo courtesy of Evonoma
- 2 💡 “K2” kitchen 🏠 Boffi 👤 Norbert Wangen
Photo Sabine Schweigert for DuPont™ Corian®
- 3 💡 “K2” kitchen 🏠 Boffi 👤 Norbert Wangen
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- 4 💡 “K2” kitchen 🏠 Boffi 👤 Norbert Wangen
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- 1 💡 Wilhelminastraat Amsterdam, private apartment
🏠 Hofman Dujardin Architecten ➡ Amsterdam, Netherlands
Photo courtesy of Hofman Dujardin Architecten
- 2 💡 Kitchen, private apartment, Paris 👤 Arik Levy
Photo Jean-Pierre Delagarde for DuPont™ Corian®



- 1 💡 “Minikitchen” 🏠 Boffi 👤 Joe Colombo Photo courtesy of Boffi
- 2 💡 “Solaris” kitchen 🏠 Ernestomeda 👤 Pietro Arosio
Photo courtesy of Ernestomeda



- 1 💡 Acafé (Autogrill) 👤 Colli & Galliano architetti
➡ Termini railway station, Rome Photo Arch. L. Filetici
- 2 💡 Adam & Eve Hotels ➡ Belek, Turkey Photo DuPont™ Corian®



- 1 💡 Shower 👤 “Estelle” pattern by MissoniHome ➡ “Corian® loves Missoni”, Milan, April 2008 Photo Leo Torri for DuPont™ Corian®
- 2 💡 Bathroom environment 👤 Rosita and Luca Missoni; “Estelle” (carpet) and “Esmeraldas” (partition) patterns by MissoniHome; “Po” bathtub by Boffi, design Claudio Silvestrin ➡ “Corian® loves Missoni”, Milan, April 2008 Photo Leo Torri for DuPont™ Corian®
- 3 💡 Joan Font Collection 🏠 Nexa Arquitectonica 👤 Joan Font
Photo courtesy of Nexa Arquitectonica



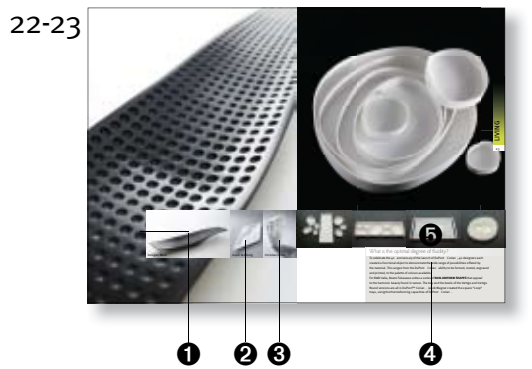
- 1 💡 “Elemental Spa” collection 🏠 Dornbracht 👤 Sieger Design
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- 2 💡 “Folio” 🏠 Boffi 👤 Neunzig design
Photo Diego Alto for DuPont™ Corian®
- 3 💡 “Orca” 🏠 Rapsel 👤 Thomas Sandell
Photo Sabine Schweigert for DuPont™ Corian®



- 1 ✨ five+sensotel ✎ Yasmine Mahmoudieh
⇒ Willisau, Switzerland, 2005 Photo DuPont™ Corian®
- 2 ✨ shower tray, “Joan Font” collection ✎ Nexa Arquitectonica
✎ Joan Font Photo courtesy of Nexa Arquitectonica
- 3 ✨ “Opera” bath tub ✎ Toscoquattro ✎ Claudio Nardi
Photo Massimo Fazio for DuPont™ Corian®
- 4 ✨ wash basin and shower tray, “Joan Font” collection
✎ Nexa Arquitectonica ✎ Joan Font
Photo courtesy of Nexa Arquitectonica



- 1 ✨ “Oh Void” chair ✎ Ron Arad ⇒ Lo-rez-dolores-tabula-rasa, Milan,
April 2004 Photo Tom Vack for DuPont™ Corian®
- 2 ✨ “Shadow” chaise longue ✎ Cappellini ✎ Christian Ghion
Photo courtesy of Cappellini
- 3 ✨ “Caillou” ✎ Scott Wilson Photo courtesy of Scott Wilson



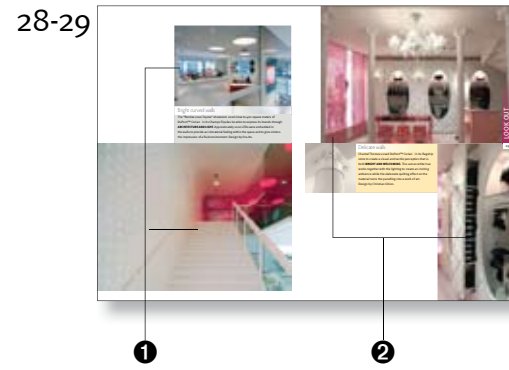
- 1 ✨ “opetz_M” tray ✎ Delugan Meissl ⇒ “Corian®: 40 Years -
40 Designers”, Milan, April 2007 Photo Leo Torri for DuPont™ Corian®
- 2 ✨ “Fossil” tray ✎ Aquili & Alberg ⇒ “Corian®: 40 Years -
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- 3 ✨ “Le Vase” ✎ Christian Ghion ⇒ “Corian®: 40 Years -
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- 4 ✨ “Vertigo” trays ✎ B&B Italia
✎ Naoto Fukasawa Photo courtesy of B&B Italia
- 5 ✨ “Loop” trays ✎ B&B Italia
✎ Jakob Wagner Photo courtesy of B&B Italia



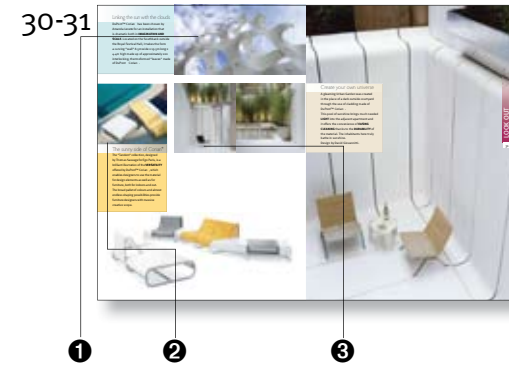
- 1 ✨ “Loftcube” ✎ Loftcube GmbH ✎ Werner Aisslinger
⇒ Milan, April 2007 Photo Francesco Brigida for DuPont™ Corian®
- 2 ✨ “Loftcube” ✎ Loftcube GmbH ✎ Werner Aisslinger ⇒ Berlin,
Designmai, May 2003 Photo Steffen Jänicke



- 1 ✨ “The Flower Tower” ✎ DuPont, TechLab Italia and _avantgarde;
graphic design by Catharina Lorenz & Steffen Kaz ⇒ Milan, April 2008
Photo courtesy of TechLab Italia
- 2 ✨ Desk and backlit wall cladding, “Z. Island by DuPont™ Corian®”
✎ Zaha Hadid ⇒ Milan, April 2006
Photo Leo Torri for DuPont™ Corian®
- 3 ✨ Seeko'o Hotel ✎ Atelier d'architecture King Kong
⇒ Bordeaux, France Photo Arthur Péquin



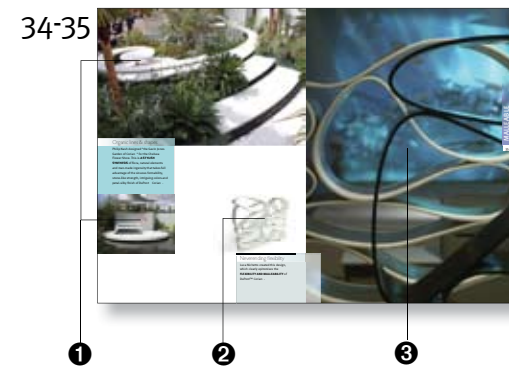
- 1 ✨ “Rendez-Vous Toyota” showroom ✎ Ora-Ito ⇒ Paris
Photo Luc Boegly
- 2 ✨ Chantal Thomass’ flagstore ✎ Christian Ghion ⇒ Paris
Photo Jean-Pierre Delagarde for DuPont™ Corian®



- 1 ✨ “Size + Matter” (Prototile) ✎ Amanda Levete
⇒ London Design Festival, 2007 Photo Phillips de Pury
- 2 ✨ “Tandem” collection ✎ Ego Paris ✎ Thomas Sauvage
Photo Arnaud Childeric/Kalice
- 3 ✨ Private apartment ✎ David Giovannitti ⇒ New York
Photo Michael Moran



- 1 ✨ “Resi-Rise” installation ✎ KOL/MAC Studio ⇒ IX Biennale di
Architettura, Venice, 2004 Photo Leo Torri for DuPont™ Corian®
- 2 ✨ “Upperworld Hotel, Battersea Power Station” installation
✎ Ron Arad ⇒ IX Biennale di Architettura, Venice, 2004 (UK Pavilion)
Photo Leo Torri for DuPont™ Corian®

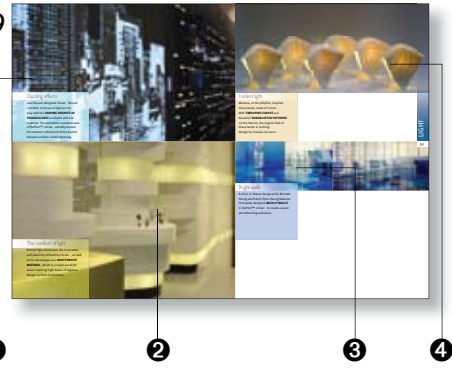


- 1 ✨ “The Gavin Jones Garden of Corian®” ✎ Philip Nash
⇒ 2008 Chelsea Flower Show, London Photo Trevor Grant
- 2 ✨ “Neverending” bookshelf ✎ Luca Nichetto ⇒ “I Have a dream”
event by Andreoli and DuPont™ Corian®, Milan, March 2007
Photo Massimo Schiavon
- 3 ✨ “Neverending” bookshelf ✎ Luca Nichetto ⇒ “I Have a dream”
event by Andreoli and DuPont™ Corian®, Milan, March 2007
Photo Sabine Schweigert for DuPont™ Corian®



- 1 ✨ Illuminated cubic seating, wall panneling and wall lamp
✎ Rosita and Luca Missoni; “Onda” and “Esmeraldas” patterns by
MissoniHome ⇒ “Corian® loves Missoni”, Milan, April 2008
Photo Leo Torri for DuPont™ Corian®
- 2 ✨ Detail of wall lamp ✎ Rosita and Luca Missoni; “Esmeraldas”
pattern by MissoniHome ⇒ “Corian® loves Missoni”, Milan, April 2008
Photo DuPont™ Corian®
- 3 ✨ “Illumination bar” ✎ Werk 5 ⇒ 2008 Light+Building, Frankfurt
Photo courtesy of werk 5; interactive-scape.com

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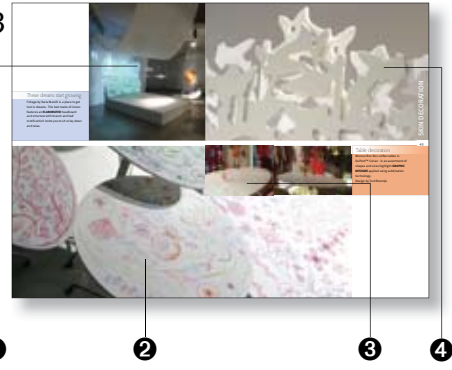
- 1 ✨ Decorative cladding 🏠 Jean Nouvel ➔ Corian® Nouvel Lumières, Milan, April 2007 Photo Leo Torri for DuPont™ Corian®
- 2 ✨ Borlind City Spa (corso Como, Milan) 🏠 Burk Architekten ➔ Milan Photo courtesy of Moser GmbH
- 3 ✨ “The Lucy Clinic” (Dr. James Chang’s aesthetic surgery clinic) 🏠 Michael Young and Katrin Olina Young ➔ Taipei, Taiwan Photo courtesy of Michael Young
- 4 ✨ “Medusa” lamps 🏠 Exposed 🏠 Claudia Carrasco Photo Jake Fitzjones for DuPont™ Corian®

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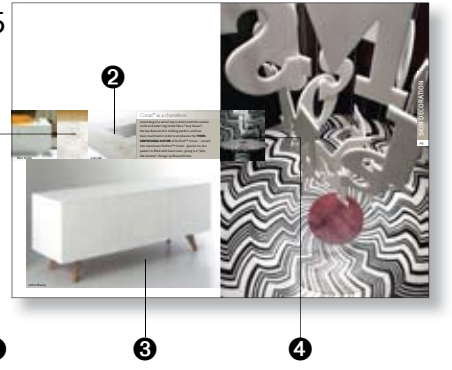
- 1 ✨ GS Tessuti showroom 🏠 Nicoletta Bertolissi/Ideas in Progress ➔ Udine, Italy Photo courtesy of TechLab Italia
- 2 ✨ Elie Tahari boutique 🏠 Lissoni Associati ➔ Beverly Hills, California, USA Photo Lawrence Anderson

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- 1 ✨ “Foliage” bed 🏠 Ilaria Marelli ➔ “I Have a dream” event by Andreoli and DuPont™ Corian®, Milan, March 2007 Photo Sabine Schweigert for DuPont™ Corian®
- 2 ✨ “Bon Bon” coffee tables 🏠 Moroso 🏠 Tord Boontje Photo Massimo Fazio for DuPont™ Corian®
- 3 ✨ “Bon Bon” coffee tables 🏠 Moroso 🏠 Tord Boontje Photo Sabine Schweigert for DuPont™ Corian®
- 4 ✨ “Foliage” bed 🏠 Ilaria Marelli ➔ “I Have a dream” event by Andreoli and DuPont™ Corian®, Milan, March 2007 Photo Massimo Schiavon

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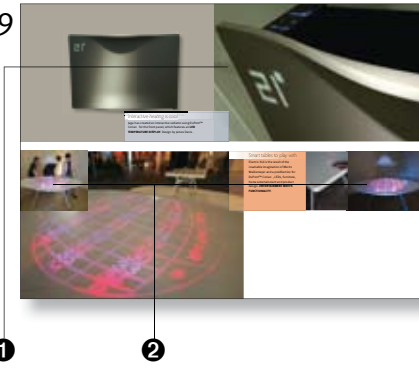
- 1 ✨ Kitchen 🏠 Rácz Anikó ➔ Hungary Photo courtesy of Wood Stock K.F.T.
- 2 ✨ “Rosi”s table (from “Allaria” collection) 🏠 Escho 🏠 p.èn.lab Photo courtesy of Escho
- 3 ✨ “Textile” cabinet 🏠 Decode London 🏠 Jethro Macey Photo courtesy of Decode London
- 4 ✨ Table and chandelier 🏠 Rosita and Luca Missoni; “Bolt” pattern by MissoniHome ➔ “Corian® loves Missoni”, Milan, April 2008 Photo Leo Torri for DuPont™ Corian®

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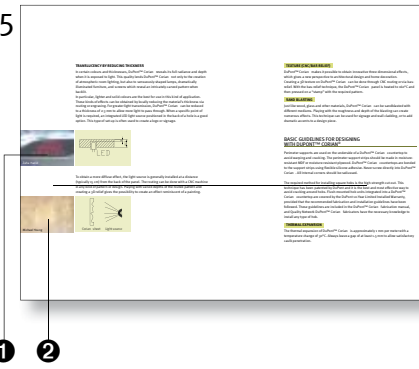
- 1 ✨ Kitchen and wall cladding 🏠 Zaha Hadid ➔ Z. Island by DuPont™ Corian®, Milan, April 2006 Photo Leo Torri for DuPont™ Corian®

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- 1 ✨ “Briza” radiator 🏠 Jaga 🏠 James Davis Photo Francesco Brigida for DuPont™ Corian®
- 2 ✨ “Roulette” and “Pong” tables 🏠 Rabih Hage Gallery 🏠 Moritz Waldemeyer Photo Jake Fitzjones for DuPont™ Corian®

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- 1 ✨ Kitchen island 🏠 Zaha Hadid ➔ “Z. Island by DuPont™ Corian®”, Milan, April 2006 Photo Leo Torri for DuPont™ Corian®
- 2 ✨ Light and translucency installation 🏠 Michael Young ➔ 100% Design London 2001 Photo DuPont™ Corian®

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corian®

the Corian® book

The creative landscape has changed as design increasingly becomes a fusion of ideas, material, technology, and the environment.

Aesthetics and functionality harmonise with a powerful awareness of the body

and how it interacts with this brave new world. Smooth transitions flow between art, architecture and design and each medium must be able to adapt, progress and evolve with time.

The thrilling possibilities offered by this evolution also bring challenges. The freedoms offered by 3D CAD, Web 2.0 and other new solutions come hand-in-hand with new demands upon materials and production techniques.

Architects and Designers are the key to a seamless link between nature, technology and aesthetics, for both interiors and exteriors.

Long-lasting, hygienic, durable and elegant, the three-dimensional formability of DuPont™ Corian® has been freeing innovative artistic minds for over 40 years.