


# What is Zodiaq®?




zodiaq®

[www.zodiaq.com](http://www.zodiaq.com)



*DuPont™ Zodiaq® is an innovative, high-performance surfacing material at the service of industry, architects and designers. The secret behind this groundbreaking concept and its unique aesthetics lies in high-purity quartz, a binding polymer and pigments free of any heavy metals. The solid, non-porous surface of Zodiaq® offers striking potential for creative minds.*

# Zodiaq®



*Cool, fresh and sparkling, Zodiaq® catches and reflects light. It embodies the essence of pure quartz crystal while suggesting a sense of enlightened luxury intertwined with bold sophistication.*

*As a solid, non-porous and homogeneous surfacing material, DuPont™ Zodiaq® also features exceptional clarity and colour consistency, qualities that offer great potential for exploring both horizontal and vertical applications.*

*DuPont™ Zodiaq® quartz surfaces are manufactured exclusively by DuPont.*



# Natural beauty me



## From horizontal to vertical applications

Zodiaq® is suitable for a variety of residential and commercial applications such as hotels, restaurants and educational, retail, healthcare and entertainment facilities, as well as for offices. Possibilities can include wall cladding, work surfaces, reception counters, windowsills, bar tops, vanity tops and surfaces for wet areas.

## Offices to public spaces

First impressions are critical in business, and the reception area of an organisation is a key factor in setting the right tone. With DuPont™ Zodiaq®, a sense of immediate, timeless quality and value can be felt from the first footstep. The distinctive regularity of colour, structure and depth of DuPont™ Zodiaq® can fit like a glove to the lobby of many professional buildings.

## Countertops to floorings

The retail shopping experience undoubtedly benefits from a beautiful environment. With its alluring panache and hard-wearing durability, DuPont™ Zodiaq® is an excellent solution for flooring, counter tops and decorative cladding applications. An extensive and varied choice of colours further adds to its broad potential.

**Photo references:** Cover: "Private Apartment", design: ID office, Steffen Haas; "The numerous facets of Zodiac®": on top: "Gastronomie Bar" design: Ramseyer & Steiger AG, photo Philip Zinniker - **from left to right:** "Countertop in Allentown, Pennsylvania, design: Brownstone Design Group - "Voluttuoso" Bath, design: Mega Marble, photo Jake Fitzjones for DuPont - Grande kitchen, design Castiglia Associati, photo Francesco Brigida for DuPont - **Mid-spread from left to right:** "LT Kitchen", design: Piero Lissoni and CRS Boffi, photo Sabine Schweigert for DuPont - "Flooring and Stairway Step Greater London House", design: Mackay + Partners Architects, photo Jake Fitzjones for DuPont - "Private Apartment Knightsbridge UK", design: Sloane Management (Developers), photo Jake Fitzjones for DuPont - "Gastronomie Bar, Stade de Suisse, Bern", design: Ramseyer & Steiger AG, photo Philip Zinniker - "Chesa Futura Kitchen", design: Zbären Kreativküchen AG.

# More solid than rock



## Shops to hotels and restaurants

The hospitality industry is known for its strict requirements in terms of aesthetics, quality and durability, and these characteristics are exactly what Zodiac® provides. DuPont makes this material available in a wide choice of colours with a long-lasting, polished finish which requires no further treatment and provides all the benefits of raw stone without many of the disadvantages.

From vivid brights to subtle neutrals and pure black or white to textured intrigue. Creating moods in hotels and restaurants through tranquil tones or invigorating sensations. Whether the ambience calls for avant-garde or go-with-the-flow, the Zodiac® selection has the perfect hue.

## From kitchen to bathrooms

Preparing food is a timeless ritual that inextricably connects us to the natural world. For an exercise in the culinary arts, the hygienic and heat resistant properties of DuPont™ Zodiac® make working in the kitchen a true delight.

Another all-important area in the home, the bathroom has become an indispensable sanctuary from our often stressful lives. The non-porous nature of DuPont™ Zodiac® is an ideal tool for designers in this humid setting as it does not support the growth of bacteria or fungi. Wellness and health, courtesy of Zodiac®.

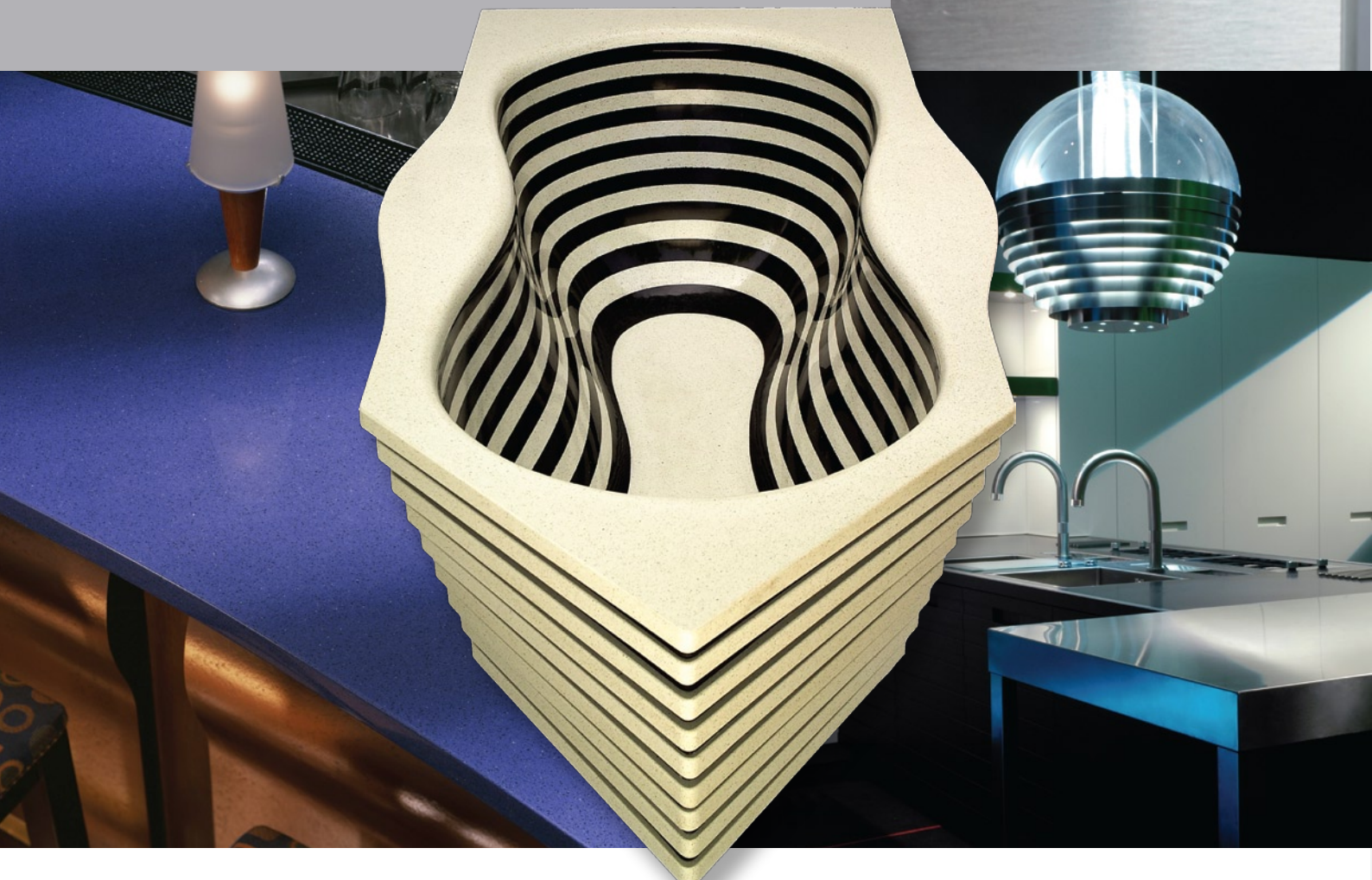
**CARE & MAINTENANCE** Zodiac® is stain and scratch resistant and with simple care will retain its radiant, lustrous appearance for many years. For routine cleaning, it is recommended to use a damp cloth and, if necessary, a small amount of non-bleach, non-abrasive liquid household cleaner or a household vinegar/water solution (always follow the manufacturer's instructions).

**WARRANTY** DuPont offers two levels of warranty protection for Zodiac®: "product" and "installed". The "product" warranty is standard for all Zodiac® products and ensures that the material will be free of manufacturing defects for a period of 10 years after purchase. A higher level of coverage, the DuPont 10-year Limited Installed Warranty, can be applied when Zodiac® is fabricated and installed according to the guidelines and requirements set out by DuPont. Please consult your local DuPont office for more details.



## The numerous facets of Zodiaq®

*Cool, fresh, sparkling and sophisticated, DuPont™ Zodiaq® is at the service of innovative designers everywhere. This solid, non-porous and homogeneous surfacing material combines quartz and a binding polymer to form the nexus of aesthetics, strength and durability.*



### STRONG

DuPont™ Zodiaq® provides superior strength and durability. It can withstand most of the impacts caused by daily use. The material has been tested for its mechanical, thermal and other surface properties.

### HOMOGENEOUS

Consistent structure and aesthetics ensure a coherent appearance throughout an installation while colours and patterns, which run through the material, cannot wear off.

### HYGIENIC

Zodiaq® surfaces are non-porous and therefore hygienic. The material does not support the growth of bacteria or fungi and is DIN EN ISO 846-certified.

### WORKABLE LIKE STONE

DuPont™ Zodiaq® can be precisely and uniformly cut and installed to meet individual design requirements. The tools are the same as those used for any natural stone and Zodiaq® can be machined, sandblasted and inlaid. A wide variety of edge treatments is available.

### NONTOXIC AND NONALLERGENIC

Zodiaq® is inert and is nontoxic and nonallergenic to humans. The material is third-party certified to be free of heavy metals and comply with the EU Directive 2002/95EC on the Restriction of Hazardous Substances (RoHS).

### LOW MAINTENANCE

Zodiaq® is non-porous and stain resistant, so no surface sealing is required.

### ENVIRONMENTALLY FRIENDLY

DuPont™ Zodiaq® is fabricated in compliance with strict standards to limit waste and energy consumption at all stages of production. The material meets or exceeds emissions guidelines for volatile organic compounds.

### DIMENSIONS AND COLOURS

Zodiaq® is available in slabs with a typical size of 140 cm wide and max. 306 cm long. Different colours and surface finishes are available in 20 and 30 mm thickness as standard. Thinner materials are available upon request. For the latest DuPont™ Zodiaq® colour offering see the colour brochure.



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# What is Zodiaq®?

## Technical data

PROPERTY	TYPICAL RESULT	UNIT	TEST METHOD
Dimensions	140 x 306	cm	
Thickness	2 and 3	cm	
Weight	49 (2 cm); 74 (3 cm)	kg/m <sup>2</sup>	
Resistance to impact (ball drop)	> 140	cm	DIN ISO 4586 T12
Surface hardness	6 – 8 <sup>1</sup>	Mohs	DIN EN 101
Resistance to surface wear	No loss in weight	mm <sup>3</sup> /100 rev	DIN ISO 4586 T6
Resistance to dry heat at 180°C	Level 5		DIN ISO 4586 T8
NSF/ANSI 51 certification	Listed		NSF Standards
Water absorption (24h) % thickness % mass	0.03 – 0.06 0.08 – 0.10	% %	DIN ISO 4586 T7
Light fastness (Xenon-arc lamp)	> 6	Blue wool scale	DIN ISO 4586 T16
Reaction to fire: flame spread	Class 1		BS 476, part 7, 1997
Reaction to fire, fire propagation index, >1	Class 0		BS 476, part 6, 1997

<sup>1</sup> Surface hardness test results for colours with a fine structure vary between 5-6 Mohs.

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