neogen
solid surfaces

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NEOGEN

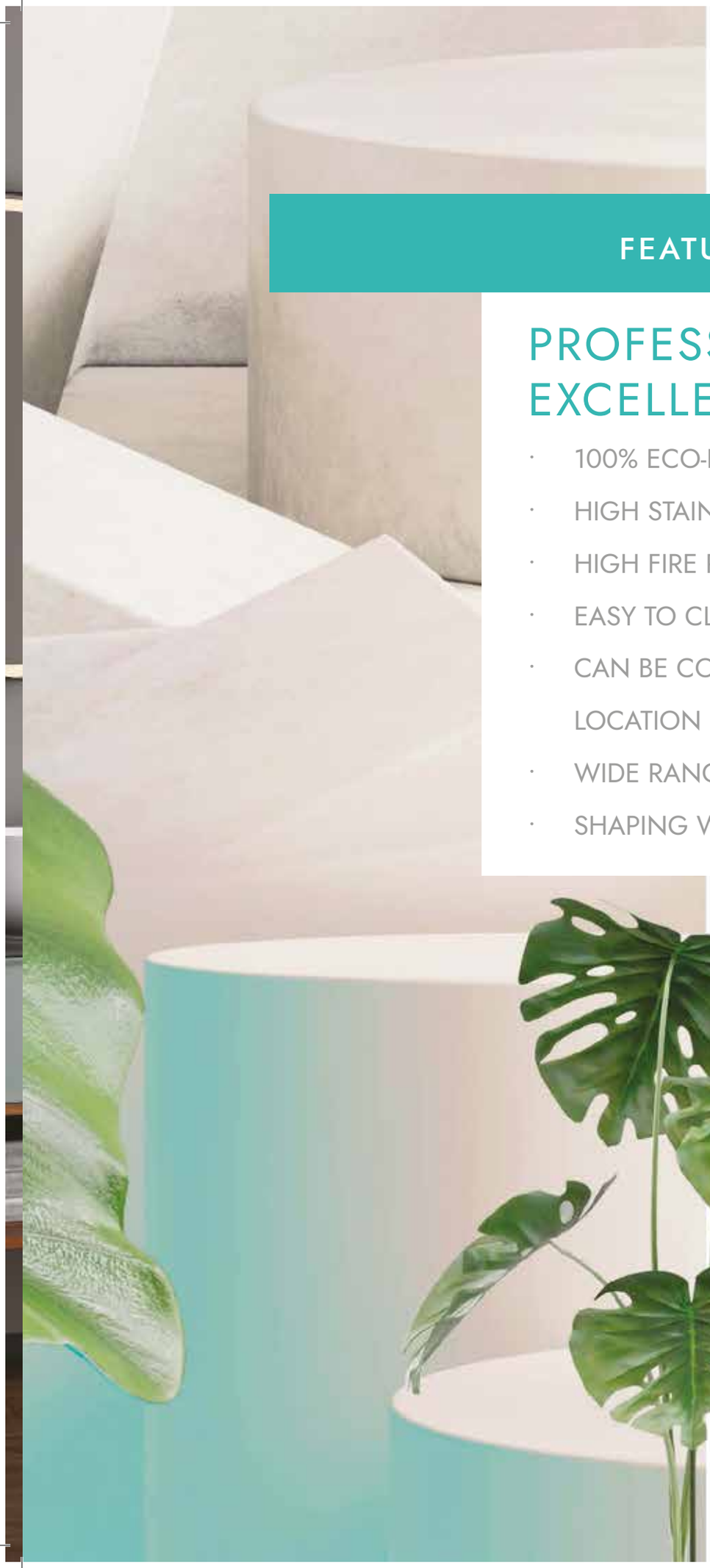
Neogen is a non-porous, hygienic and low-maintenance material for all surfaces.

Unlike natural stones such as granite and marble, solid surface countertops are a combination of resin and natural minerals produced from the combination. It can easily achieve all color and pattern appearances of granite, marble, natural stone and similar products.
It can be invisibly joined by a trained specialist.

Thanks to its ability to take shape with Neogen heat; it helps you to realize your designs easily.

NEOGEN LIVING AREAS

- It adds elegance to your decoration.
- It saves your budget as you can use it for a long time.
- It does not endanger your health due to its environmentally friendly production.
- It allows you to save time with its easy-to-clean structure.
- Its appearance is always clean as it does not contain any stains on its surface.



FEATURES AND ADVANTAGES

PROFESSIONAL DESIGN & EXCELLENT QUALITY

- 100% ECO-FRIENDLY & ANTIBACTERIAL
- HIGH STAIN &UV RESISTANCE
- HIGH FIRE RESISTANCE
- EASY TO CLEAN & RENEWABLE
- CAN BE COMBINED WITHOUT ADDITIONAL LOCATION
- WIDE RANGE OF COLOURS
- SHAPING WITH HEAT

UNLIMITED DESIGN

The boards can be glued together in such a way that the joints are not visible. Seamless integration allows large areas without joints.

RECYCLEABLE

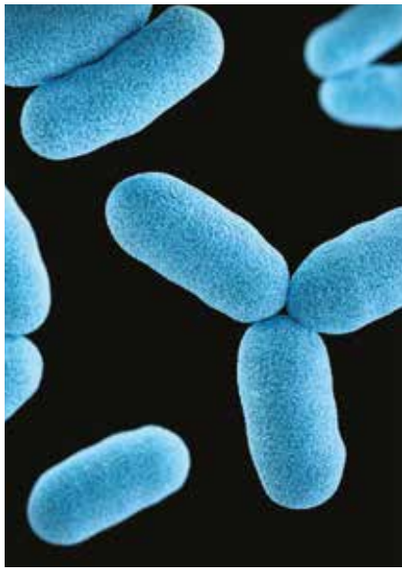
It is an environmentally friendly material production. It is renewable and reusable even in the process.

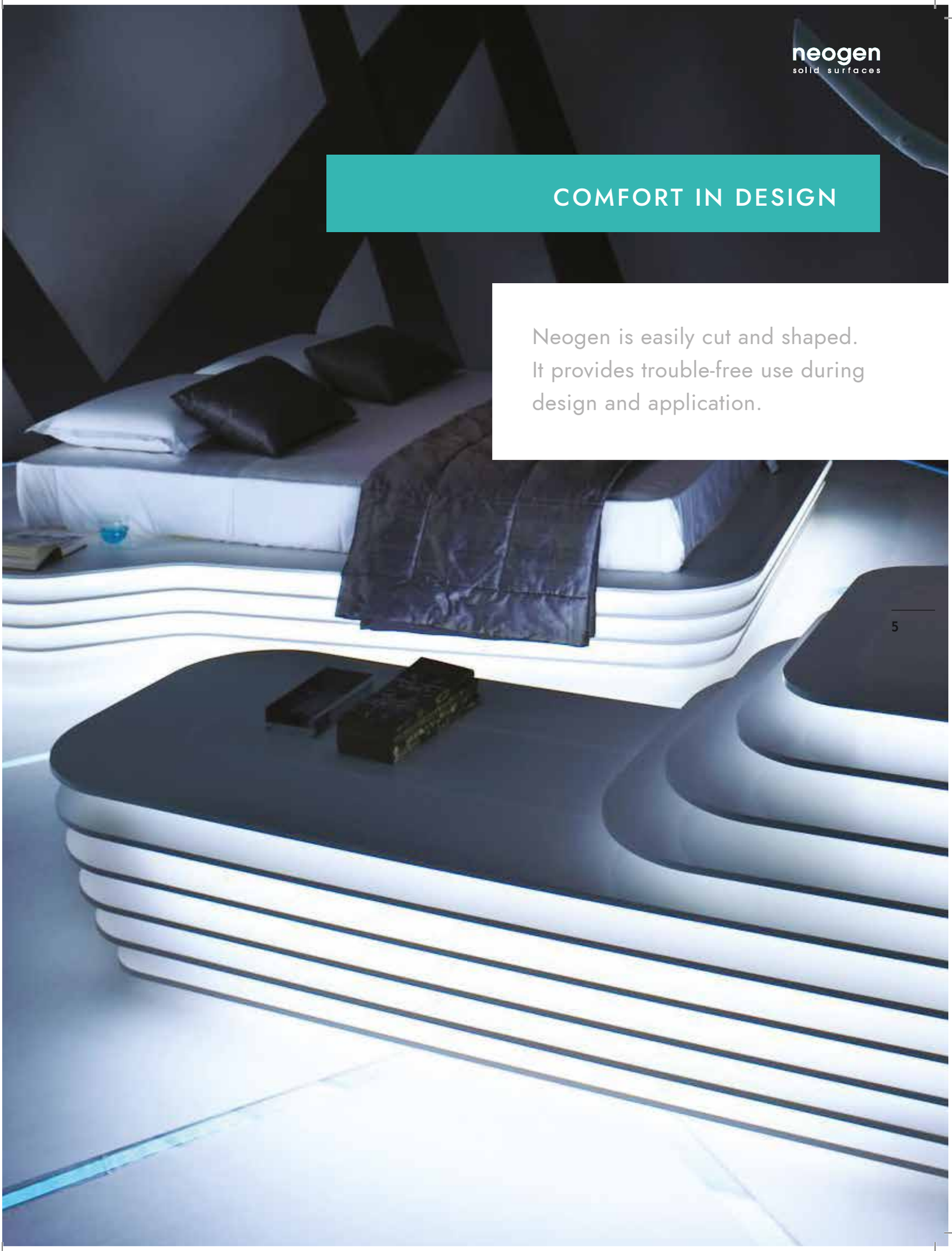
IT IS ANTI-BACTERIAL

It does not allow bacteria to adhere and reproduce on its surface.

THERMOFORMABLE

As it is a highly malleable material, it can bring curved designs to life.





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COMFORT IN DESIGN

Neogen is easily cut and shaped. It provides trouble-free use during design and application.

COLOR ALTERNATIVES

PURE

P-008 SNOW WHITE

P-001 T-WHITE

P-002 IVORY WHITE

P-003 PEARL WHITE

P-020 LIGHT GREY

P-022 LATTE GRAY

P-033 FORESHORE

P-034 CREAM BROWN

UNICOLOR

U-201 DEEP GRAY

U-202 SMOKE GRAY

U-205 PURE BLACK

U-215 LAVA RED

U-216 PURE YELLOW

U-218 PURE ORANGE

U-221 LEAF GREEN

U-225 SKY BLUE

U-232 CACAO BROWN

U-235 GRAY ASH

U-245 DARK TITANIUM

ELEGANCE

EL-505 SCARLET BLACK

EL-560 BLACK STORM

EL-565 GOLDEN PEARL

NATURAL

NA-301 TERAZZO

NA-303 SIENNA CONCRETE

NA-312 SILVER CONCRETE

NA-315 RAVEN

NA-318 GLITTER WHITE

NA-324 FROZEN GRAY

NA-325 WHITE SAND

NA-326 PEBBLE WHITE

NA-327 GOLDSTONE

NA-330 DALMATIAN

NA-333 GLITTER BLACK

NA-341 NATURE ARC

NA-342 GRAIN STONE

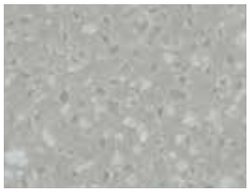
AZUR

AZ-403 GRAY DUST

AZ-406 BURNT UMBER

AZ-409 OBSIDIAN

AZ-415 MOON STONE


AZ-424 GRAY ARCTIC

AZ-427 GLIT GRAY

AZ-440 CRYSTAL SNOW

AZ-442 WHITE GLASS

AZ-445 FROZEN GRANITE

AZ-447 POLAR STAR

There may be minor differences between the product and the sample colors. Please refer to the QR code for more information.

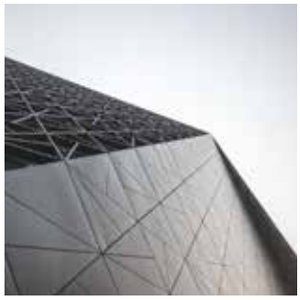
MORE STYLISH KITCHENS

PURE

P008 SNOW WHITE

Neogen, which is especially preferred in kitchen and bathroom countertops, is the developing design nowadays started to add a different atmosphere to the decoration with its trends.
With its stylish and luxurious appearance it creates a modern and elegant atmosphere in spaces.

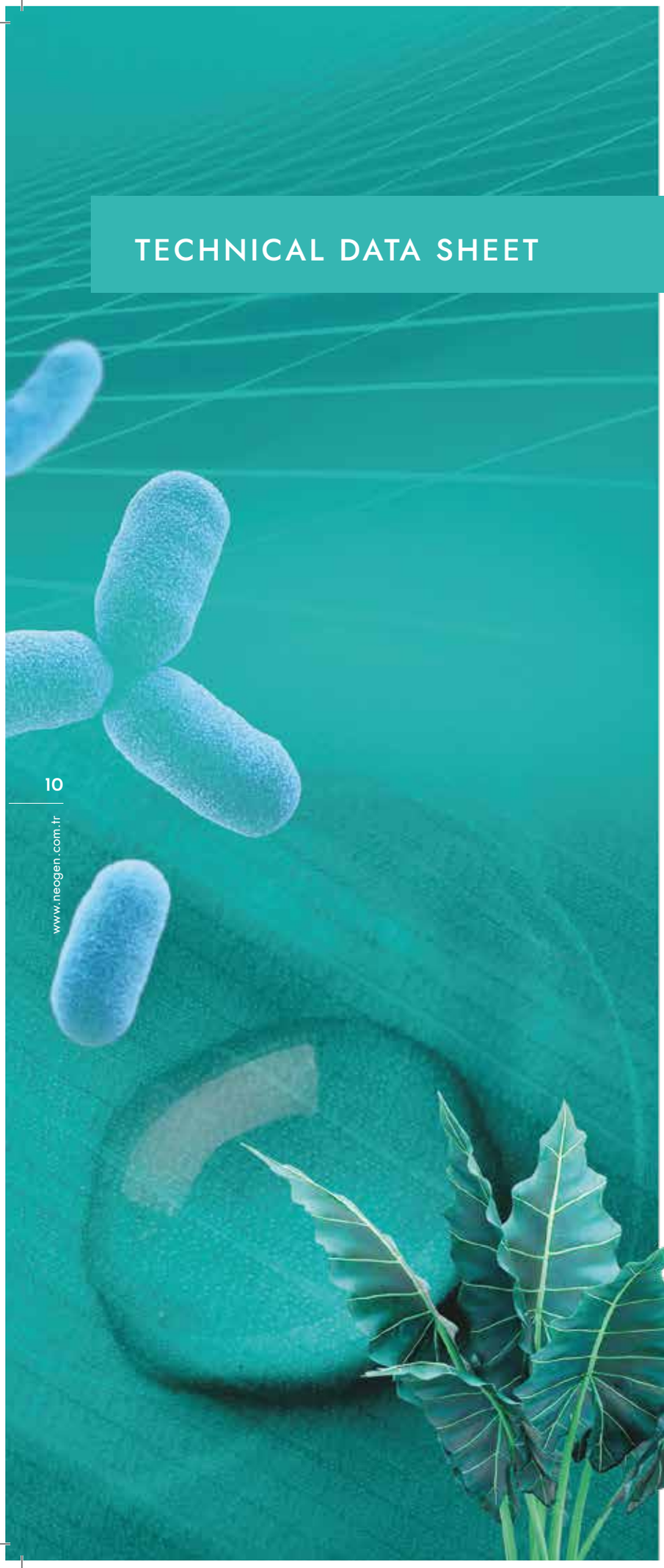
AREAS



- Kitchen Counters
- Bathroom Benches
- Shower Tray
- Furniture
- Exterior
- Public areas, Restaurants, Health Institutions, Office Spaces, Caravans and Boats etc. decorative places are preferred.

To learn more about usage areas and examples use this QR code.

TECHNICAL DATA SHEET



T - THICKNESS	4MM to 24MM
W - WIDTH	760MM
L - LENGHT	2500MM to 3680MM

Please contact the customer representative for special dimensions.

PHYSICAL PROPERTIES

PROPERTY	TEST	TYPICAL RESULT
Density	ASTM D792	1.7 g/cm3
Approximate weight per square meter 6 mm (¼ ")		11.07 kg
Approximate weight per square meter 12 mm (½ ")		22.14 kg
Thermal Expansion	ASTM E228	3.9 x 10-5 m/m°C
Hardness- Rockwell "M" Scale	ASTM D785	>85
Hardness- Barcol Impressor	ISO 19712-2 (ASTM D2583)	56 to 65

MECHANICAL PROPERTIES

PROPERTY	TEST	TYPICAL RESULT
Flexural Modules	ASTM D790	8.27 GPa
Flexural Strenght		68 MPa
Tensile Modules		10.34 GPa
Tensile Strenght	ASTM D638	41.37 MPa
Tensile Elongation		Min. %0.4
Compressive Strenght	ASTM C365	110.32 MPa

FITNESS FOR USE

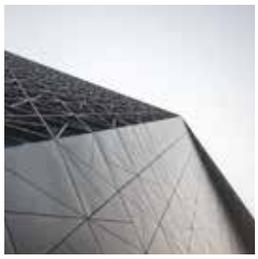
PROPERTY	TEST	TYPICAL RESULT
Light Resistance (Xenon Arc)	ISO 19712-2	Pass
Weatherability	ASTM G155	ΔE*94<5 in 1000 hrs
Ball Impact Resistance: Sheets No fracture- 0.23 kg ball-6 mm	NEMA LD 3-3.8	0.86 m (No failure at height)
Ball Impact Resistance: Sheets No fracture- 0.23 kg ball-12 mm		0.36 m (No failure at height)
Wear and Cleanability	CSA B45.5-11/	Pass
Stain Resistance	IAPMO Z124-2011	Pass
Stain/chemical-resistance test		Pass
Resistance to cigarette burns		Pass
Resistance to dry heat		Pass
Resistance to wet heat	ISO 19712-2	Pass
Hot/cold cycle water- resistance test		Pass
Load test		Pass

FITNESS FOR USE (continued)

PROPERTY	TEST	TYPICAL RESULT
Dimensional stability	ISO 4586-2	Pass
Resistance to surface wear		0.18 % wt/25 revolutions
Fungal Resistance	ASTM G21	ASTM Rating of 0, No observed growth on product at 100x power
Bacterial Resistance	ASTM G22	No observed growth on product at 100x power
Microbial Resistance	UL 2824 (ASTM D6329)	Highly resistant to mold growth
Coefficient of Friction (Slip Resistance)	ASTM C1028	0.94-0.95 (matte finish under dry conditions) 0.50-0.64 (matte finish under wet conditions)
Boiling Water Resistance	NEMA LD 3-3.5	No visible change
High Temperature Resistance	NEMA LD 3-3.6	No change
Flammability, Surface Burning Characteristics of Building Materials	NFPA 101: Life Safety Code	Class A
Flame Spread Index Surface Burning Characteristics of Building Materials	ANSI/UL 723 (ASTM E84, NFPA 255)	Flame Spread Index (FSI)<25
Smoke Developed Index Surface Burning Characteristics of Building Materials	ANSI/UL 723 (ASTM E84, NFPA 255)	Smoke Developed Index (SDI)<25
Flame Spread Surface Burning Characteristics of Flooring, Floor Covering, and Miscellaneous Materials	CAN/ULC-S102.2	Flame Spread Value 0
Smoke Developed. Surface Burning Characteristics of Flooring, Floor Covering, and Miscellaneous Materials	CAN/ULC-S102.2	Smoke Developed Value 5

Typical results for 12 mm solid colors unless gauge is specified. Properties may vary by aesthetic. These values are not intended for engineering calculations. If precise calculations are required contact Neogen Solid Surface for additional information.

AESTHETIC TOUCHES TO LIVING AREAS



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