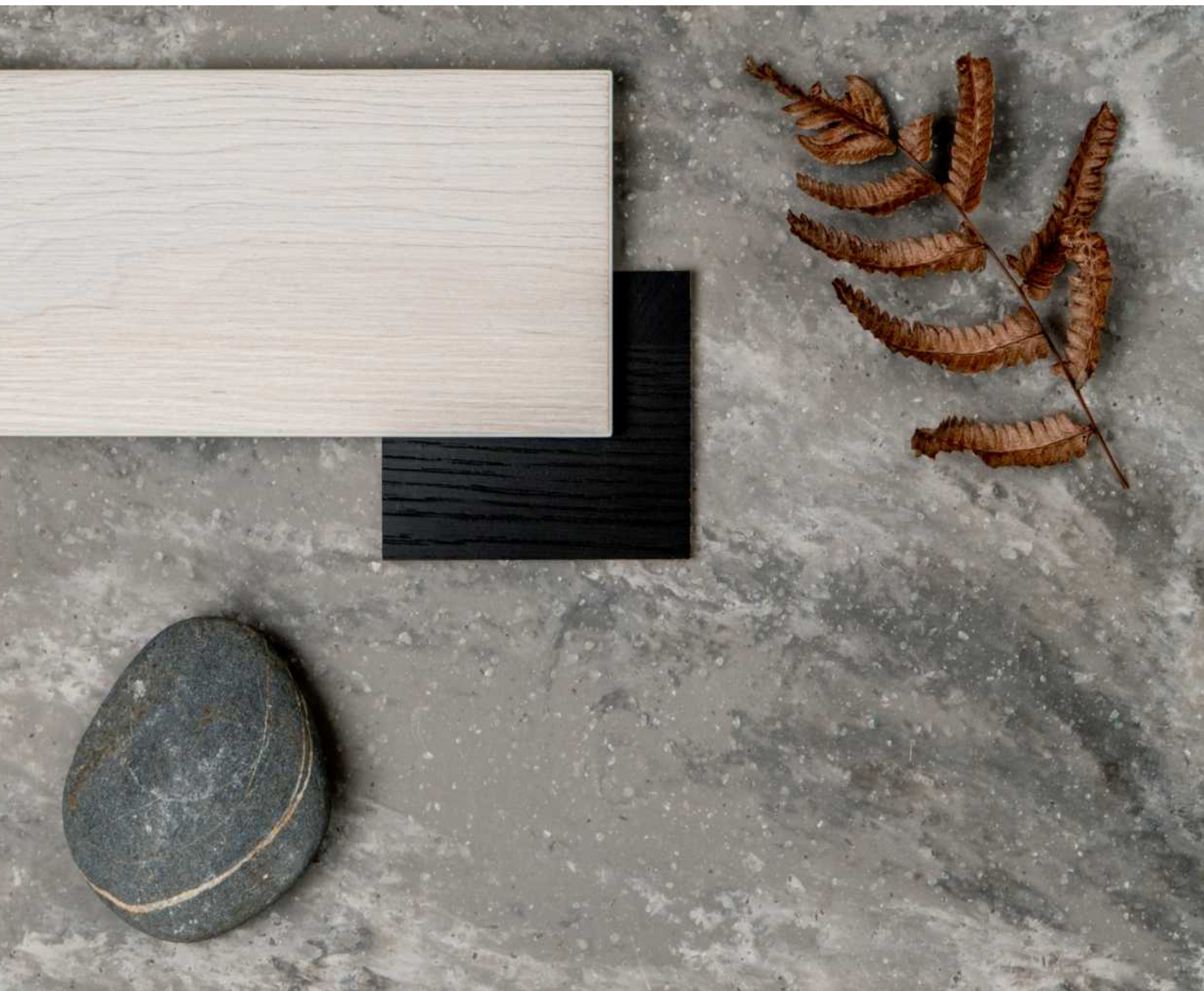


# DESIGN & APPLICATION HANDBOOK

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HEALTHCARE  
EDUCATION  
RETAIL & HOSPITALITY  
FOOD SERVICE  
RESIDENTIAL  
TRAVEL  
EXTERIOR  
MOVEMENT SERIES  
TERRAZZO SERIES



CONTACT US

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 RETAIL & HOSPITALITY

 MOVEMENT-  
NATURE SERIES

 PUBLIC FOOD SERVICE

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 HEALTHCARE

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COMMERCIAL WASHROOMS

 SERVICE COUNTERS

 EDUCATION

 RESIDENTIAL KITCHEN

 TRAVEL

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 APPLICATION GUIDE





## WHY MEGANITE

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Life is about choices, and whether you are a designer, fabricator or end customer when it comes to choosing the right solid surface Meganite ticks all the right boxes, whatever the application.

Meganite offers the ultimate in thermoforming White, 'Flexy White' offers the smallest bending radius in the industry allowing even more design freedom.



Another advantage with Meganite in the ever popular solid white décor is the wider dimension availability, Snow White and Flexy White are stocked as standard in double width sheets 1500mm wide. The result can mean saving seaming time and wastage on that all important project. Most of our competitors cannot produce such sizes. That's a pity!



# MEGANITE X SERIES

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## DARKER COLOURS, REDUCED SCRATCH VISIBILITY

Meganite's new X Series re-introduces a collection of much-loved dark colours with advancements that make them more application friendly than ever before.

The X Series significantly reduces the appearance of scratches using a new formulation blend to give dark colours a richer appearance and reduces the sanding time to achieve your desired finish.



# MEGANITE ACRYMED

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Solid surface is a great hygienic material for all healthcare applications, horizontal and vertical surfaces benefit from its seamless and non-porous nature. This makes it ideal for hospitals, outpatient clinics and dental surgeries.

## MEGANITE ACRYMED

AcryMed is certified quality in accordance with ISO 22196 standard (Japanese test method JIS Z 2801) to verify its significant impact that works 99.9% effective against bacteria. Advanced antimicrobial technology in the product range is specially developed to enhance the current solid surface benefits and improve indoor environment surfaces by protecting the surface against deterioration, stains and odor causing bacteria. Designing with AcryMed will stay cleaner and fresher between regular cleanings in the high hygienic demand space.



## CUSTOM COLOURS

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Meganite produces many of the solid surface components in-house, such as pigments and particulates. This means Meganite can produce custom decors in their development lab quickly and produce custom colour sheets in relatively low quantities. Perfect for specific project / client needs, whether it's a RAL colour or stone match, Meganite can produce the match.



## MEGANITE TRANSLUCENTS

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If you want to make a statement look no further than Meganite's translucent series, solid pastel decors from the glow range become vivid electric bold decors when backlit. If you want the same effect with a granite design, our Ice collection will give you the perfect result. The white translucent can easily become a different colour with the use of LED behind.



## EASY ACCESS TO RECYCLED MATERIALS



Everyone should have access to recycle product. The goal for the Meganite Recycled series is simply to popularize the use of recycled materials in everyday life. We took seven of the industry's most popular designs and made them with recycled content. Of course this series is backed with SCS Certifications. Just look for the recycle emblem on our colour range to see the decors available.

# MEGANITE MOVEMENT / NATURE SERIES

The new colours we have created to continue the Movement Series represent a lifestyle centered around design and practicality working harmoniously to create luxurious, ultra-smart spaces. These carefully chosen colours are proven to psychologically improve your mood, and provide a sense of relaxation and serenity.



## MARBLE COLLECTION

Design inspired by luxurious natural stone, this industry breakthrough marble collection is elevated above other colours because of the diverse aesthetic appeal, highlighted by distinct veining running through each slab, that offers a sophisticated look and artistry that makes them a classic choice for centuries.



### M009 MT. CREMO CARRARA

Soft free-flowing yet consistent veins on a saturated white background that is embodied with subtle deep brown veins breathing across the surface.

### M602 CRATER LAKE

From the Nature Collection



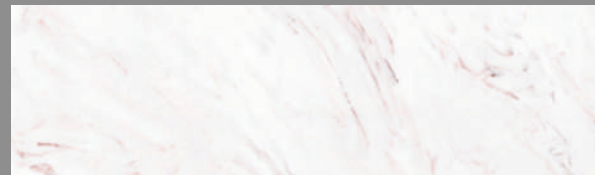
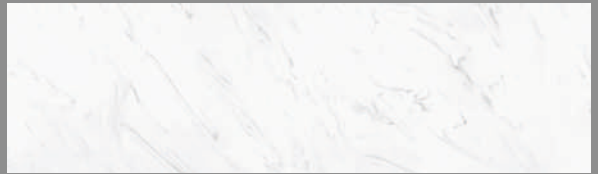




## M007 MT. CARRARA

The essence of European modern classic, Mt. Carrara encapsulates high fashion furniture and interior design. Always timeless, Mt. Carrara is the Milan touch to any cosmopolitan room.

Pure carrara look with all the advantages of solid surface and with our unique production process each sheet can easily be pattern matched, resulting in perfect design and easy fabrication with little wastage. No wonder it was given global design award in 2019.



M007 Mt. Carrara and M009 Mt. Crema Carrara comes in 1200mm wide sheets.

Our unique production process means maintaining pattern flow from sheet to sheet can easily be achieved when seamed together.



M036 Pinecone reception counter front



M002 Mt. Vancouver table top

# CONCRETE COLLECTION

Embodying the rough and strong look of concrete, the new colours maintain a subtle beauty which celebrates the fundamentals of good design: powerful aesthetics and bountiful possibilities for all spaces. Presented through different shades of grey ranging from gentle and warm grey to dramatic and dusky near-black tones. Monochromatic veins and fine particles breathe across the surface, creating a lavish and energetic look with a refined touch.





# TERRAZZO COLLECTION

Meganite celebrates the renaissance of the popular 15th century Venetian trend with a all-new collection of Terrazzo inspired solid surface patterns.

TRUE TERRAZZO - captures the classic true look of natural terrazzo into modern design that reveals an extraordinary aesthetic potential and unprecedented versatility in daily use.

Compared with original terrazzo tiles, the key advantage lies with all the fundamental functionality of Meganite standard solid surface. Non-porous properties enable it to be installed in any environment from healthcare to food service to residential spaces without fear of harboring mold or bacteria with the hygienic surface also being easy to clean and maintain.

The colours are available in 12 mm thickness (usual terrazzo is 20 mm) which provides the flexibility for thermoforming needs in any space.

TT006 Caramel Terrazzo



TT003 Aqua Terrazzo



TT007S Urban Terrazzo



TT003 Aqua Terrazzo





## WHAT ARE THE BEST APPLICATION FOR MEGANITE?

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Meganite is ideal surface solution for corporate offices, banks, theatres, museums, airports and many other commercial public areas.

Consider these benefits:

- ▶ Endless design possibilities
- ▶ Durable / seamless surface
- ▶ Gold certified for indoor air quality
- ▶ Euroclass fire certification
- ▶ Large range of standard decors
- ▶ Distribution / fabrication network throughout Europe





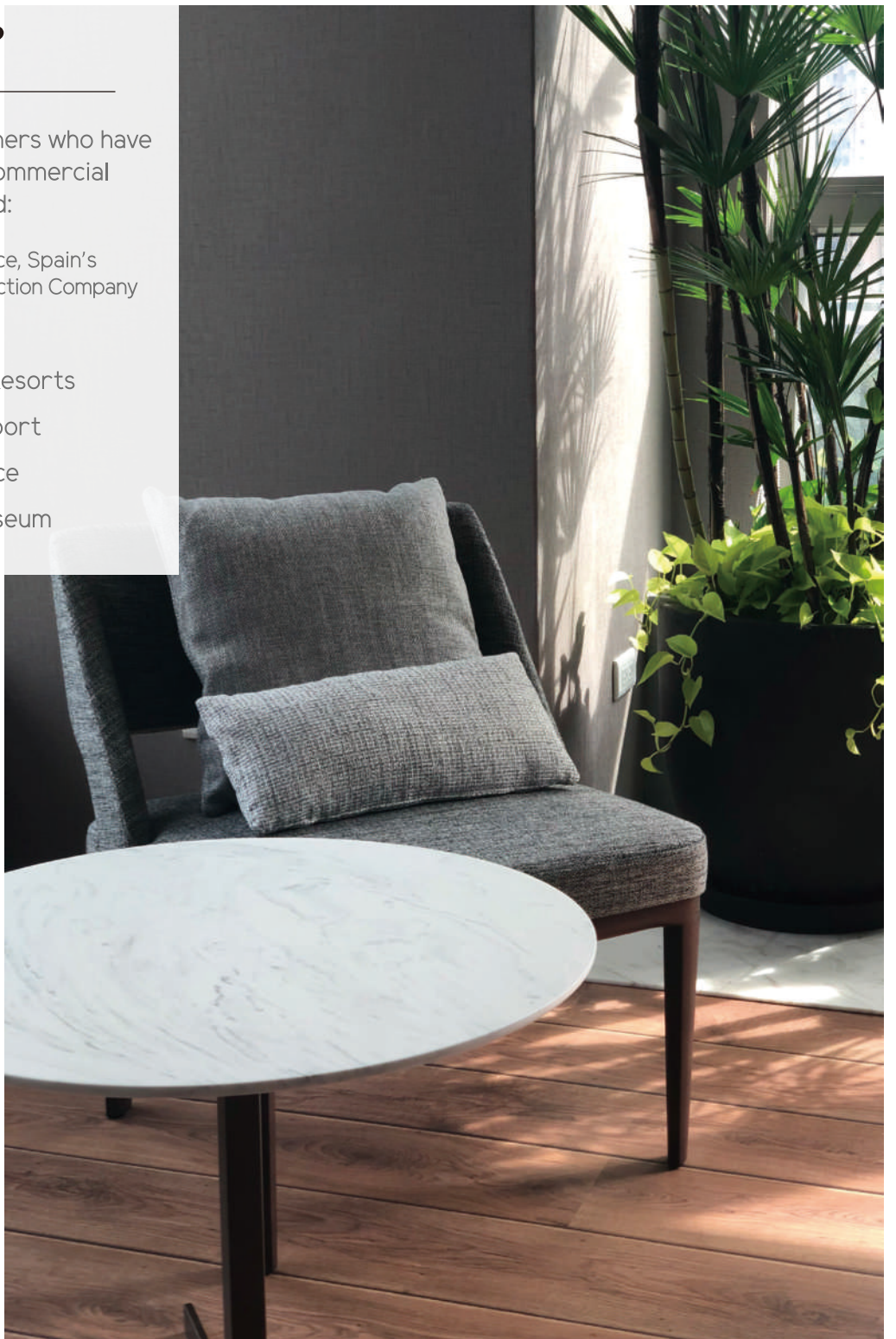


## WHO USES MEGANITE?

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Some of our valued partners who have specified Meganite for commercial projects across the world:

- ▶ FINSA Headquarters Office, Spain's Largest Wood Fiber Production Company
- ▶ Alibaba Group
- ▶ Walt Disney Park and Resorts
- ▶ Doha International Airport
- ▶ KPMG Corporate Office
- ▶ Chicago Children's Museum







## MEGANITE A SOLID PARTNER

Designers are exploring material options that surprise and engage consumers in order to create environments that elevate the retail experience.

Meganite meets the challenges of today's retail environments by offering a product that can be molded into limitless shapes and forms, that can be curved or backlit. Renewable and affordable product that can solve unique design challenges and stand the test of time.



Some of our valued partners who have specified Meganite for retail and hospitality projects across the world:

- ▶ BMW
- ▶ Dyson
- ▶ Pandora
- ▶ Swatch
- ▶ Radisson Blu Hotel





# MEGANITE FOR YOUR FOOD SERVICE ESTABLISHMENT

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Food preparation and sanitation are important factors considered by food service owners, vendors and today's discerning consumers.

What are we eating? Where is it coming from? How was it prepared? These important questions are being asked by consumers who want to be confident that their food is being prepared and served to the highest standards and sanitary conditions.

Meganite is NSF certified for use in public food preparation areas. Seamless, non-porous and durable, our product will be on everyone's menu.







Some of our valued partners who have specified Meganite for retail and hospitality projects across the world:

- ▶ Starbucks
- ▶ Häagen-Dazs
- ▶ Burger King
- ▶ Pizza Hut
- ▶ KFC
- ▶ Chili's
- ▶ Rita's Italian Ice





# MEGANITE FOR YOUR HEALTHCARE FACILITY

Healthcare environment require high functioning materials that are resilient and meet strict regulation and high industry standards. While functionality and performance are top priorities, healthcare organizations do not want to sacrifice good design and aesthetics.

Meganite also offers new healthcare protection surface – Meganite AcryMed which protects the surface against deterioration, stain and odor causing bacteria.

Healthcare Application Areas include:

- ▶ Nurse Stations
- ▶ Receptions
- ▶ Operating Theatres
- ▶ Dental Surgery
- ▶ Outpatient Clinics
- ▶ Vet Surgery
- ▶ Public Rest Rooms
- ▶ Handrails, Window Frame and Baseboard





Some of our valued partners who have specified Meganite for healthcare projects across the world:

- ▶ East Orange General Hospital, USA
- ▶ Elmhurst Memorial Hospital, USA
- ▶ Glendale Memorial Hospital, USA
- ▶ Mount St. Joseph, USA
- ▶ Penna Orthodontics Medical Centre, USA
- ▶ University of Pennsylvania Hospital, USA
- ▶ Yale-New Haven Hospital, USA



Meganite AcryMed is tested 99.9% effective against:

- ▶ ATCC 33591 Staphylococcus aureus subsp. Aureus (MRSA)
- ▶ ATCC 8739 Escherichia Coli
- ▶ ATCC 9027 Pseudomonas aeruginosa
- ▶ ATCC 4352 Klebsiella pneumoniae



## MEGANITE FOR EDUCATION ENVIRONMENT

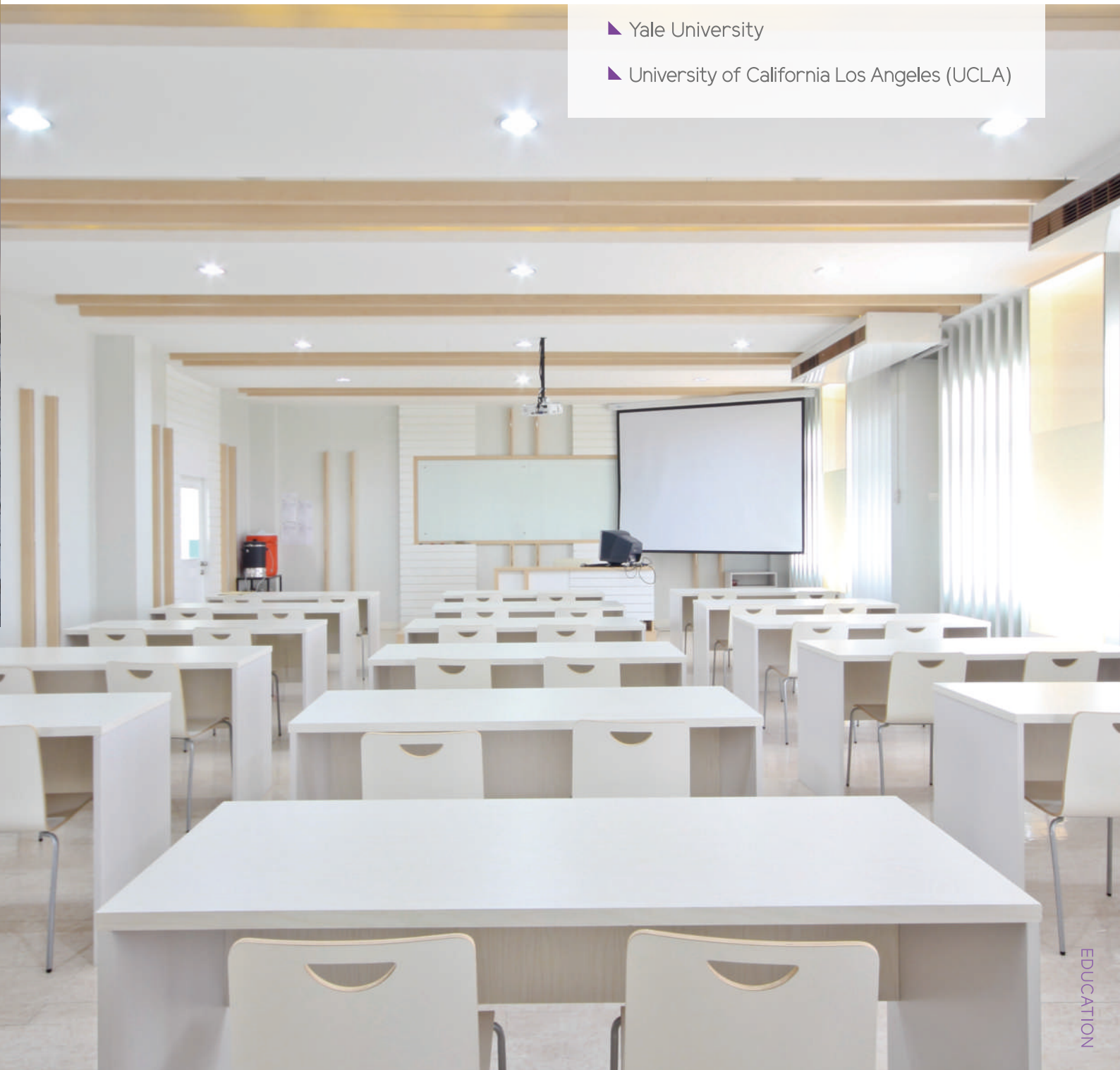
Educational environments today serve “kids” of all ages from kindergartners to senior citizens. School classrooms, colleges, universities, student accommodation and other spaces within educational environments must withstand the daily rigors of these highly utilized areas. Meganite can provide a lasting, inspiring application that supports learning .





Some of our valued partners who have specified Meganite for education projects across the world:

- ▶ University of Toronto
- ▶ Florida State University
- ▶ The University of Wisconsin
- ▶ Yale University
- ▶ University of California Los Angeles (UCLA)





# MEGANITE FOR COMMERCIAL & DOMESTIC TRAVEL ENVIRONMENT

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MEGANITE's versatility, durability and performance backed by test certification make it an ideal choice for the travel Industry. Widely used in cruise ships, yachts, trains and motor homes particularly in gallery kitchens, bathrooms, bar and restaurant areas due to the products design freedom.

- ▶ Euroclass fire certificate
- ▶ IMO certified
- ▶ NSF certified







Some of our valued partners who have specified Meganite for commercial and domestic travel environment projects across the world:

- ▶ Bavaria Yachts GmbH
- ▶ Concorde Reisemobile GmbH
- ▶ Horizon Yacht, Global, 5th Largest Global Custom Luxury Yacht Builder
- ▶ Broom Boats Limited
- ▶ Crystal Cruises



# MEGANITE A PERFECT WASHROOM SOLUTION



Washrooms have become an important statement in the commercial or residential environment. Not only must they be functional but also be pleasing to the eye. Not only is Meganite non-porous, seamless and durable, but with vast array of decors and integrated washroom bowls to choose from, any bathroom can be given that luxury feel.





Some of our valued partners who have specified Meganite for residential and commercial washroom projects across the world:

- ▶ NH Hotel Bathrooms, Amsterdam
- ▶ Cumulus Hotels, Finland
- ▶ Premier Inns Bathroom, United Kingdom
- ▶ Clarion Hotel Bathrooms, Norway
- ▶ Sogndal Hotel, Norway
- ▶ Stommer Storsenter Public Washrooms, Norway







## WHY MEGANITE FOR YOUR KITCHEN

Homeowners want materials that are resilient and don't quickly outdate their interior décor. Today, residential design is less about keeping up with the latest fad and more about designing a comfortable space that suits your family and lifestyle. Meganite has all of these characteristics and more – Durable, affordable, easy to maintain product that has endless colour, and design options.

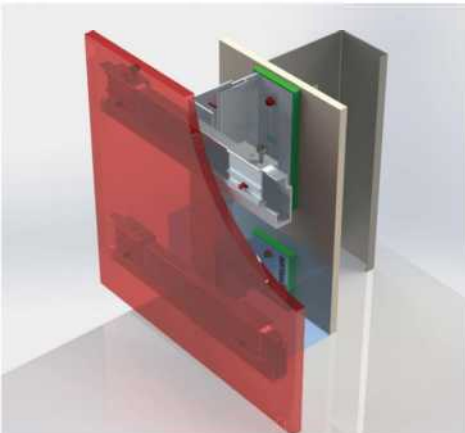


## MEGANITE FOR OUTDOOR SPACES



Meganite's non-porous and renewable surface makes it an ideal choice for exterior applications. Many of our decors offer a UV rating E2. Check out our colour performance guide and choose a suitable décor for your next exterior project.

We can offer advise and guidance on recommended design and frame support.



### Applications using MEGANITE ?

- ▶ Wall Cladding
- ▶ Entrance Surrounds
- ▶ Shop Facades
- ▶ Signage
- ▶ ATM Surrounds
- ▶ Table Tops
- ▶ Window Reveals





# MEGANITE DÉCOR PERFORMANCE GUIDE

<p>Snow White 033A</p> <p>**** E SW 6S</p>	<p>Flexy White 033T</p> <p>**** E SW 6</p>	<p>Bright White 001A</p> <p>**** E SW 6</p>	<p>Bone 003A</p> <p>*** E W 6</p>	<p>Ivory 072A</p> <p>**** E W 6S</p>	<p>Soft White 005A</p> <p>**** E SW 6</p>	<p>Dark Chocolate 091X</p> <p>* W 6</p>
<p>Fire 088A</p> <p>* W 6</p>	<p>Gray 056A</p> <p>** E W 6</p>	<p>Dark Jet Black 019X</p> <p>* W 6S</p>	<p>Lime 060A</p> <p>*** W 6</p>	<p>Dark Pewter 093X</p> <p>* W 6</p>	<p>Slate 040A</p> <p>** W 6</p>	<p>Sunshine 079A</p> <p>*** E W 6</p>
<p>Tangerine 077A</p> <p>** W 6</p>	<p>Summer Glow 063A</p> <p>***</p>	<p>White Glow 094A</p> <p>***</p>	<p>Blue Ice 913B</p> <p>***</p>	<p>Frosted Ice 9745B</p> <p>****</p>	<p>Green Ice 912B</p> <p>***</p>	<p>White Crystal Boulder 813A</p> <p>****</p>
<p>Canvas 312AR</p> <p>**** E W 6 ♻️</p>	<p>Dark Galaxy 311X</p> <p>** W 6</p>	<p>Midnight Sky 265A</p> <p>*** W 6</p>	<p>Papyrus 349A</p> <p>**** E W 6</p>	<p>Polar 290A</p> <p>**** E W 6</p>	<p>Silver 219AR</p> <p>**** E W 6</p>	<p>Wheat 266AR</p> <p>**** E W 6 ♻️</p>
<p>Blanca Granite 701A</p> <p>**** W 6</p>	<p>Blue Bayou 510A</p> <p>*** E W 6</p>	<p>Canella 504AR</p> <p>*** E W 6 ♻️</p>	<p>Staten Island 502A</p> <p>*** E W 6</p>	<p>Volterra 505A</p> <p>*** E W 6</p>	<p>Antique White 630A</p> <p>**** W</p>	<p>Aspen 780A</p> <p>**** E W</p>
<p>Delta 661A</p> <p>*** E W</p>	<p>Desert Stone 625AR</p> <p>**** E W ♻️</p>	<p>Rocky Road 729AR</p> <p>**** E W ♻️</p>	<p>Cinder 679A</p> <p>*** E</p>			
<p>Cotton Boulder 846A</p> <p>**** E</p>	<p>Raven 810AR</p> <p>** ♻️</p>	<p>South Beach 811A</p> <p>**** E</p>	<p>Winter 800A</p> <p>**** E</p>	<p>Barney's Rubble 903A</p> <p>**** E</p>	<p>Just Beachy 904A</p> <p>**** E</p>	<p>Dark Starry Starry Night 508XS</p> <p>**</p>
<p>Rain Cloud 519SA</p> <p>*** E</p>	<p>Snow Owl 703SA</p> <p>**** E</p>	<p>Red Diamond Sparkle 698SA</p> <p>*</p>	<p>Botanic Gemstone 820S</p> <p>**</p>	<p>Goldrush Gemstone 819SAR</p> <p>** ♻️</p>	<p>Midnight Gemstone 9926SB</p> <p>**</p>	



Silver Lining  
923S

\*\*\*\* E



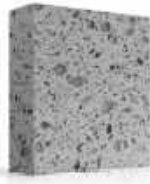
Silver Shards  
930SA

\*\* E



Solar Eclipse  
933SA

\*\*



Mottled Gray  
932SA

\*\*\* E



Shine On Me  
430S

\*\*\*\* E



Summer Beach  
426A

\*\*\*\* E



Kauai Beach  
428A

\*\*\*\* E



Shell Mosaic  
9927SB

\*\*\*\* E



Mt. Carrara  
M007

\*\*\*\* E W



Mt. Jade  
M005

\*\*\*\*



Mt. Vancouver  
M002

\*\*



Mt. Crema Carrara  
M009

\*\*\*\* E W



Mt. Grigio  
M020

\*\*



Verano White  
M040

\*\*\*\*



Shadow Concrete  
M021

\*\*



Taupe Concrete  
M022

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Charcoal Concrete  
M023

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Pinecone  
M036

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Cattail  
M038

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Antique Shell  
M031

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Storm Cloud  
M032

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Urban Terrazzo  
TT007S

\*\*



Alpi Terrazzo  
TT004

\*\*\*\* E



Vintage Terrazzo  
TT005

\*\*\*\* W



Aqua Terrazzo  
TT003

\*\*\*\* W E



Caramel Terrazzo  
TT006

\*\*\*\* E



River Concrete  
M028

\*\* W



Grand Canyon  
M047

\*\* W



Canopy White  
M303

\*\* W



Moon Light  
M305

\*\* W



Himalaya  
M601

\*\* W



Moon Concrete  
M502

\*\* W



Crater Lake  
M602

\* W



Soft Statuario  
M802

\*\*\*\* E

Standard sheet size: 3660x760x12mm  
Wide sheet stock : 3660x1220x12mm  
Also Snow white : 3600x915x12mm & 3660x1500x12mm  
6mm Thickness : 2440x760x6mm & 2440x915x6mm

### Performance Guide Key :



- \*\*\*\* Suitable for all applications; minimal maintenance; minimal scratches
- \*\*\* Suitable for all applications; require more care; scratches more visible
- \*\* Can be use for most applications with caution; extra care needed; visible scratches
- \* Not recommended for high traffic area; high care needed; visible scratches

- Suitable for exterior use; UV rating E 2 (ASTM G155)
- Wider sheets on stock
- Wider sheets possible; special order
- 6mm thickness on stock
- 6mm thickness possible, special order
- Recycle series; may contribute to LEED points



# MEGANITE<sup>®</sup>

Acrylic Solid Surface

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



Request Sample

### DOWNLOADS



Technical Documents



Revit Files / BIM



Sustainability / LEED



Videos



#meganite



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28870, Ottersberg, Germany  
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