

KITCHEN
+ BATH
REFERENCE
BOOK

HI-MACS®

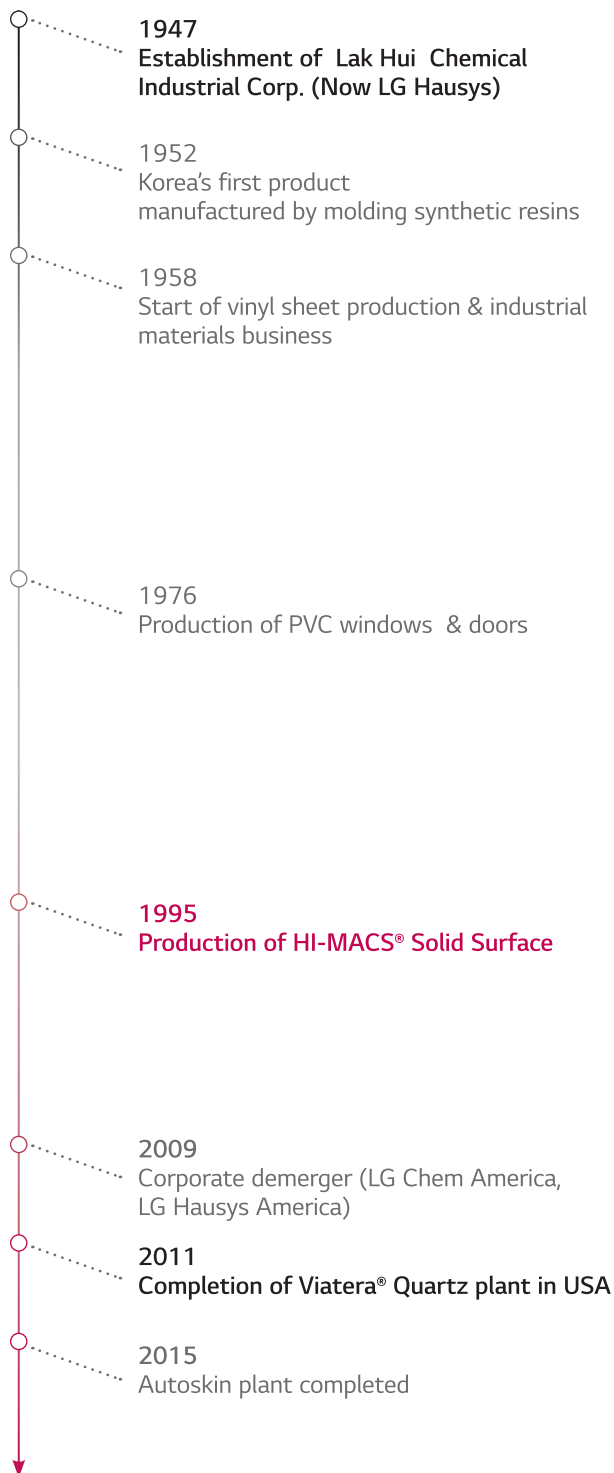


INTRODUCING LG HAUSYS

LG Hausys represents Korea's largest company that produces building material and decorative material.

Using the industry's most advance technology, LG Hausys designs beautiful and functional spaces with eco-friendly and sensible products that make up the great market share.

LG Hausys is growing as a global company with notable achievements in many areas around the world including USA, China and Russia.



HI-MACS®

THE NEW GENERATION OF INSPIRATION

There are NO Limits
The new generation of inspiration is here

Design has no boundaries and imagination leads the way.
From functional kitchen surfaces and spaces to 3-dimensional installations,
the unique properties of HI-MACS® Solid Surface material allows you
the ability to create what once could only be dreamt.

INTRODUCING HI-MACS SOLID SURFACE

HYGIENIC & NON-POROUS



HI-MACS is safe for food preparation and carry full NSF(National Sanitation Foundation) certification. When a material or a seam is porous, food particles can be trapped in the surface material, becoming breeding ground for bacteria and contamination.

SEAMLESS*

*Surfaces with large pattern such as Marmo colors may have noticeable seams



Because there is no grout line, HI-MACS countertop looks like continuous material, making it ideal for both beauty and cleanliness.

THERMOFORMABLE



HI-MACS can be heated and bent during the fabrication process enabling the product to meet the most challenging designs.

EASY CARE



HI-MACS is easy to clean and does not need sealing or special products for maintenance.

RENEWABLE



No matter the nick, scratch or stain, HI-MACS can be restored to its original state. Deep scratches or damage may be restored by a certified professional.

ENVIRONMENTALLY FRIENDLY



Ecological innovations such as continual use of recycled materials and high potential for earning LEED® certification make LG Hausys a state-of-the-art supplier for all industries. The HI-MACS production facility has reduces water waste output substantially each year. By re-purposing previously discarded materials and deploying an aggressive waste analysis and separation process, the solid waste output has been reduces by almost 90%.

WARRANTY



HI-MACS is backed by a fully transferable 15 year warranty. This outstanding warranty will not only give customers the confidence in their purchase but also a peace in mind.

NOTE: Warranty registration is required. Please visit www.LGhimacsUSA.com/warranty

HI-MACS CARE + MAINTENANCE

BURN MARKS Small burn marks or marks caused by nicotine can simply be removed using a scouring agent or an abrasive sponge. Should this give the high-gloss finish a matte appearance, rubbing the surface with a scouring pad will quickly return it to its high-gloss state.

TOUGHER STAINS Tougher stains, caused by food coloring, tea or fruit juice can easily be removed using a bleaching agent (do not leave in contact with the work surface for more than five minutes). Clean the surface with a domestic all-purpose cleaner and rinse with clean water. You can also use a scouring agent on matte finishes. Nail varnish can easily be removed with nail varnish remover (acetone-free) or a scouring agent.

HOT OBJECTS Hot saucepans or pots straight out of the oven or from the hob should not be laid directly on the HI-MACS surface. Place a mat or board underneath to prevent any damage to your product. If you pour boiling liquids into HI-MACS sinks or basins, you should also pour in cold water at the same time.

SHARP OBJECTS HI-MACS copes effortlessly with the wear and tear of everyday life, however pointed or sharp-edged objects can leave cuts or scratches on the HI-MACS surface. You can repair smaller cuts and scratches without too much trouble but we recommend the services of a professional for especially deep cuts.

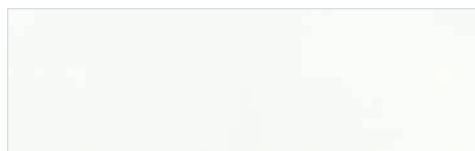
GENERAL DAY-TO-DAY STAINS HI-MACS is a completely homogeneous material. As it does not have any pores, you can simply and easily clean it with a damp cloth or sponge and a mild detergent. You can also use a domestic scouring agent on all matte finishes. It is also useful to wipe your surface occasionally with a scouring agent or wet sponge to retain the even finish of your product.

ACIDIC CLEANING AGENTS A number of cleaning agents contain acids, such as methyl chloride or acetone. You should avoid using these on a HI-MACS surface. Should one of these products accidentally come into contact with the material, as a precautionary measure you should rinse the surface with soapy water to prevent any discoloring taking place.

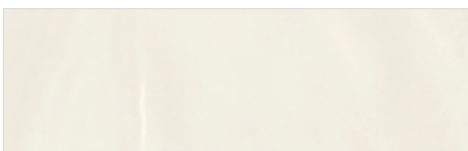
	WATER	UNIVERSAL CLEANING AGENT	ABRASIVE CLEANING AGENT	SCOURING PAD
Water-based marker pen	●			
Oil-based marker pen	●	●	●	
Cooling oil	●			
Coffee	●			
Tea	●			
Whisky	●			
Milk	●			
Juice	●			
Curry	●	●	●	
Margarine	●	●		
Lotion	●			
Ketchup	●			
Lipstick	●	●		
Cigarette burns	●	●	●	●
Coloring	●	●	●	

HI-MACS BREEZE Collection

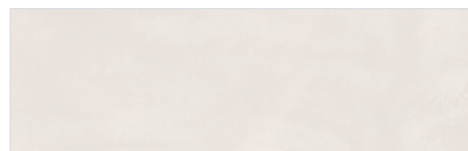
LARGE PATTERN



Breeze



Mist

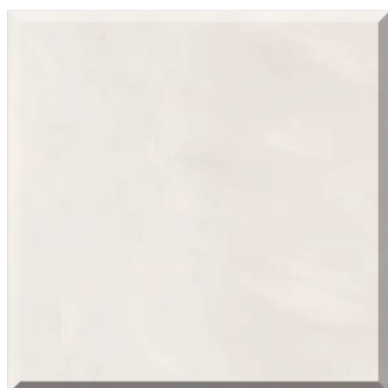


Haze



Mist

Like the traces of wind rolling in a wave of colors from the sky, Breeze is a warm, inviting cover to your home. The soft colors help to combine other finishing material such as wood, steel and concrete creating a delicate blend of styles.

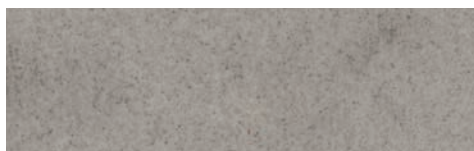


Haze



LARGE PATTERN

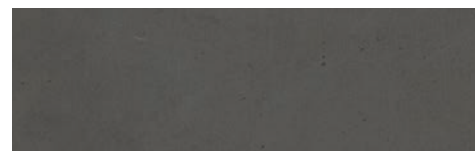
HI-MACS CONCRETE Collection



Basilica

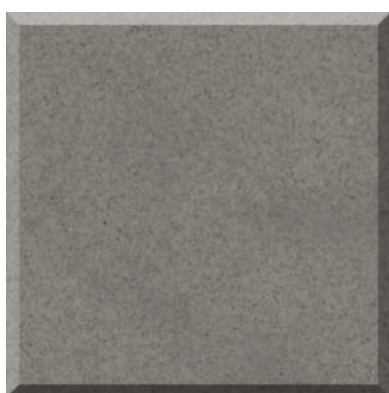


Pantheon



Colosseum

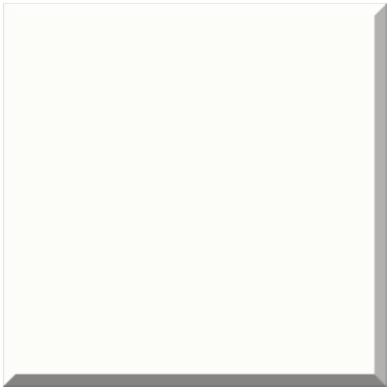
Inspired by the urban, sublime and beauty found in buildings. Despite its raw appearance, soft colors and smooth surface pattern portrays the city reduced into a room.



Pantheon



HI-MACS CLASSIC Collection



Alpine White

Private kitchen by Simone Piva
Design: Simone Piva
Fabrication: Simone Piva
Photo credit: Francesca Bottazzin

HI-MACS CLASSIC Collection



Toffee Brown

Coffee Brown

Mazarin Blue

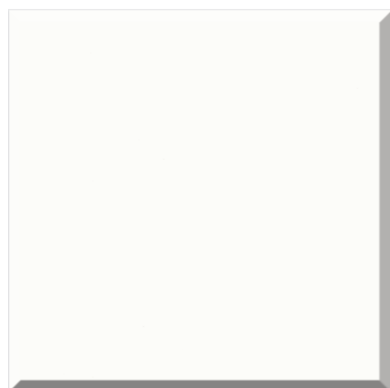
Gray

Steel Gray

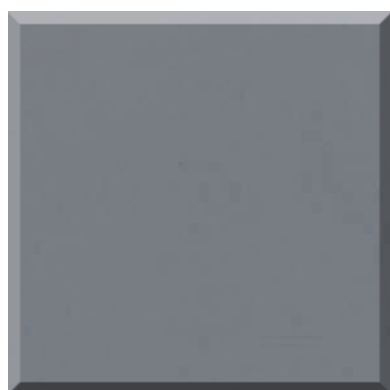
Marta Gray

Concrete Gray

Black



Alpine White



Concrete Gray



Banana

Not Only White
Design: Marike Andeweg - NotOnlyWhite
Photo credit: Moni van Bruggen



HI-MACS CLASSIC Collection *Never Compromise Selection*

Tapioca Pearl

White Quartz

Sea Oat Quartz

White Granite

Moonscape Quartz

Vanilla Sugar

Almond Pearl

Annato Granite

Harvest

INTRODUCING NEVER COMPROMISE PROMOTION

LG Hausys has taken the top selling HI-MACS colors and lowered the price. Never Compromise promotion allows customers to have all the elegance and luxury they want at an affordable price. Now choose the right surface without having to compromise beauty for budget.



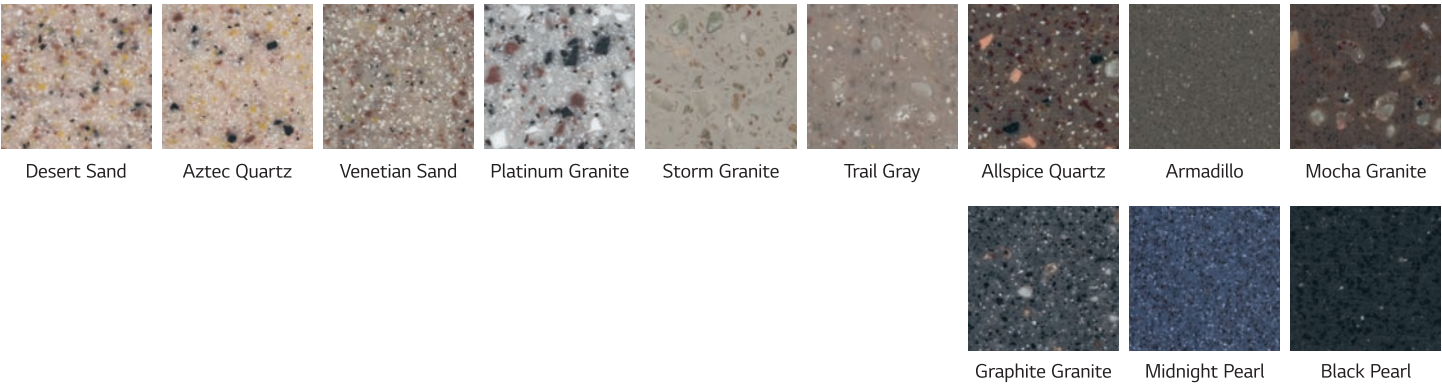
White Quartz



Moonscape Quartz



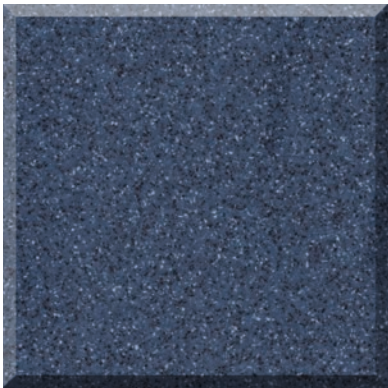
HI-MACS CLASSIC Collection *Never Compromise Selection*



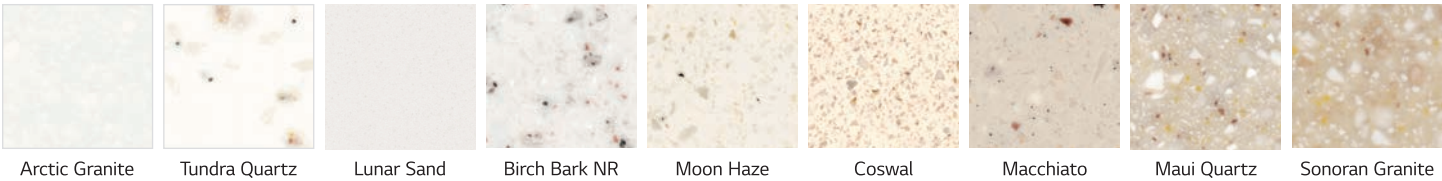
Sea Oat Quartz



Midnight Pearl



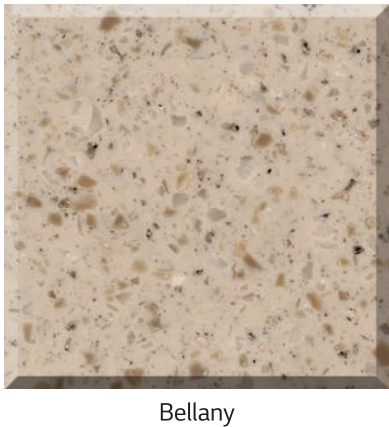
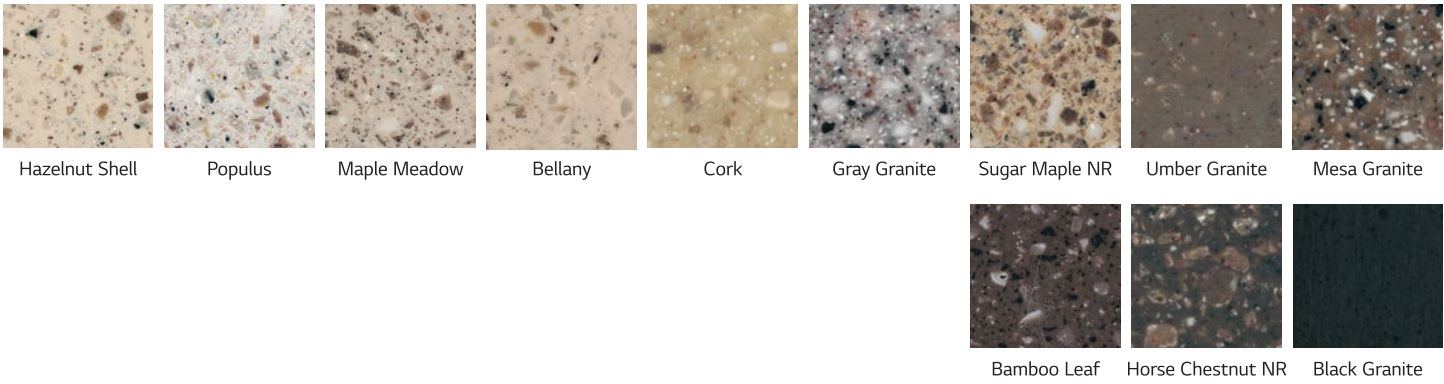
HI-MACS CLASSIC Collection



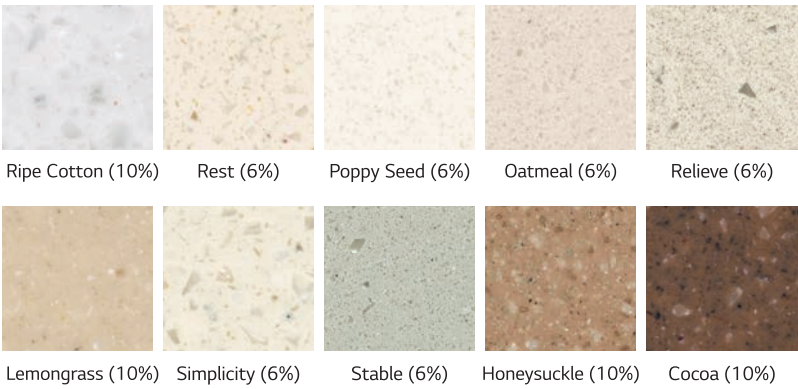
Arctic Granite



HI-MACS CLASSIC Collection



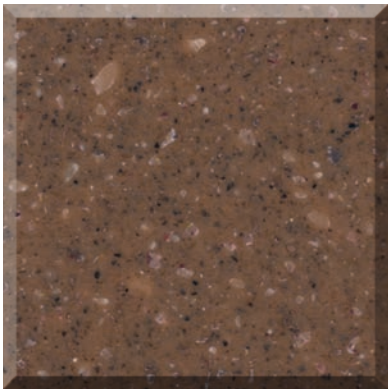
HI-MACS EDEN PLUS Collection



HI-MACS® EDEN PLUS is one of the most environmentally conscious solid surfaces available. Eden Plus colors contain minimum 6% or 10% of SCS certified pre-consumer recycled content.



Stable (6%)



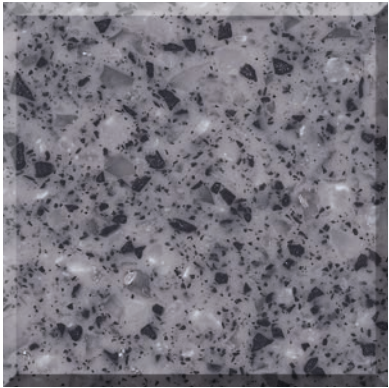
Cocoa (10%)



HI-MACS ASTER Collection

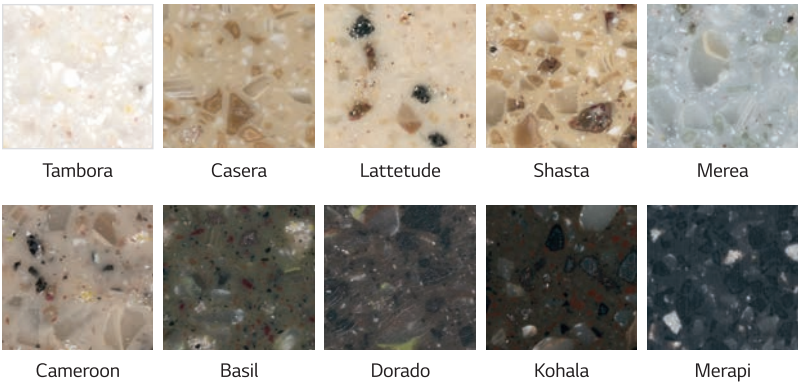


Andromeda Milky Way Venus Cosmos Saturn Pluto Volcanic Ice



Volcanic Ice

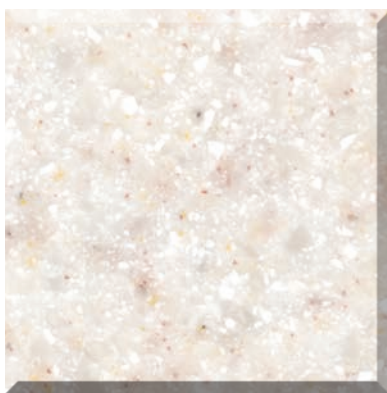
HI-MACS VOLCANICS Collection



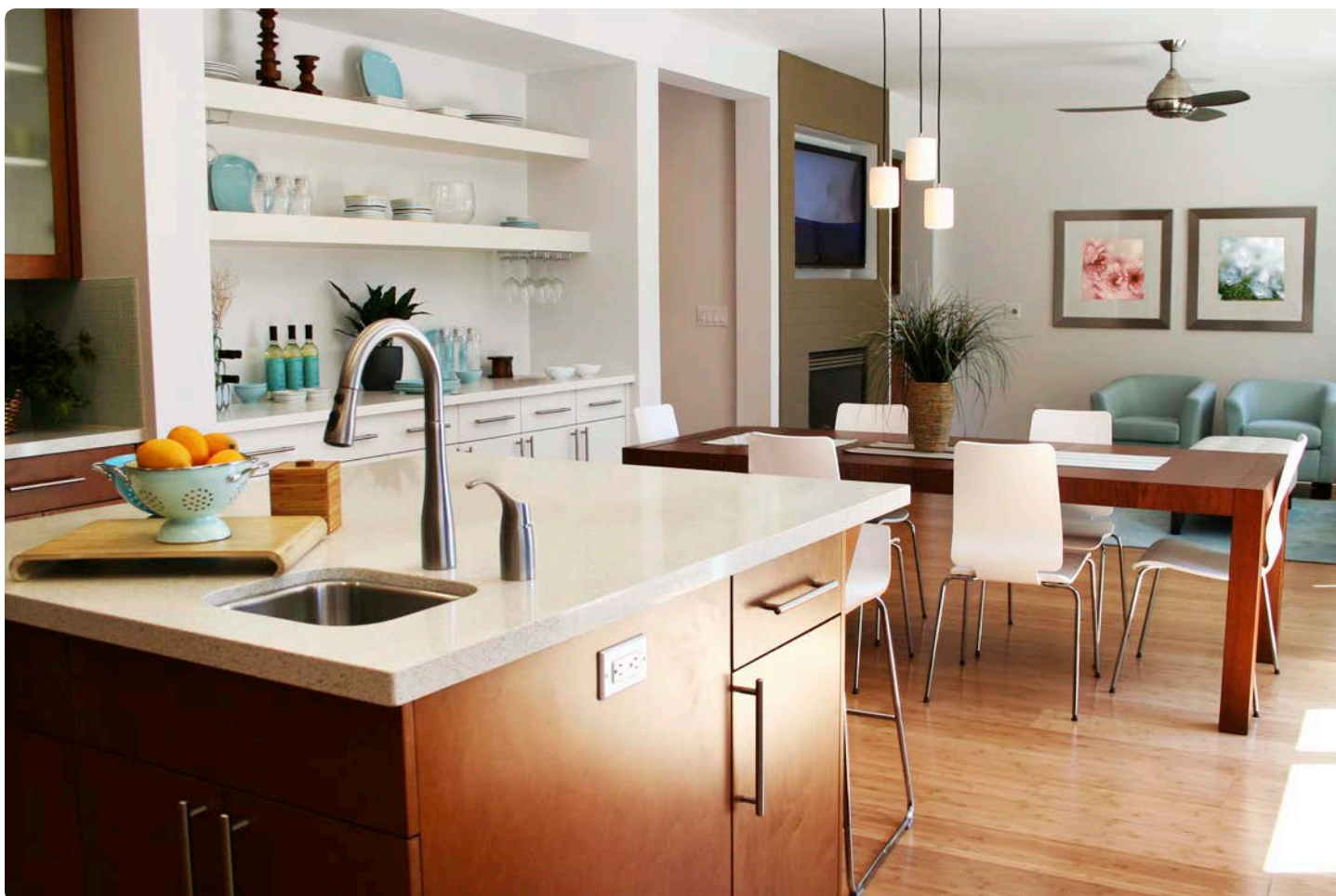
HI-MACS VOLCANICS Collection



Lattitude

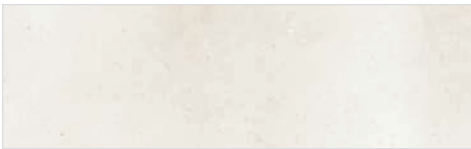


Tambora

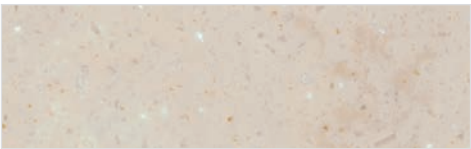


HI-MACS MARMO Collection

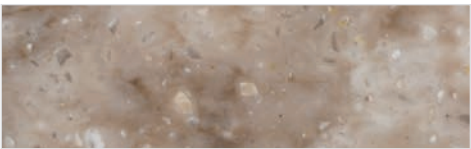
LARGE PATTERN



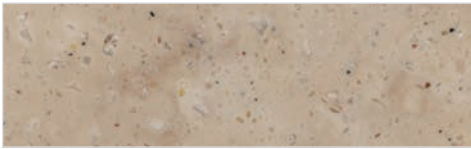
Genova



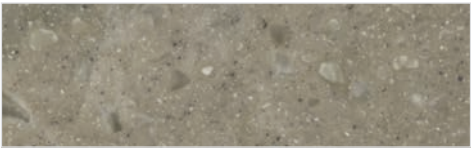
Firenze



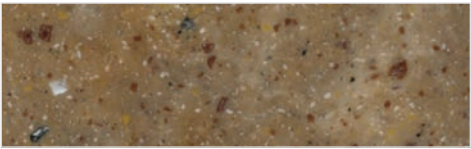
Lucca



Terni

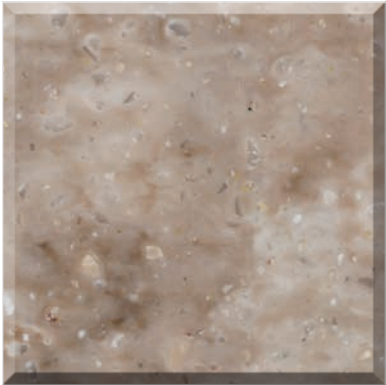


Canossa



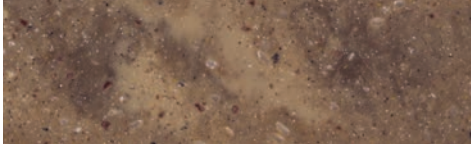
Bergamo

Lucca

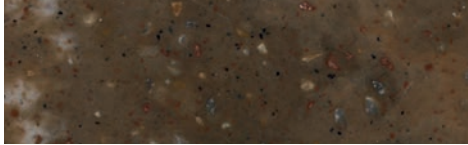




HI-MACS Marmo Collection



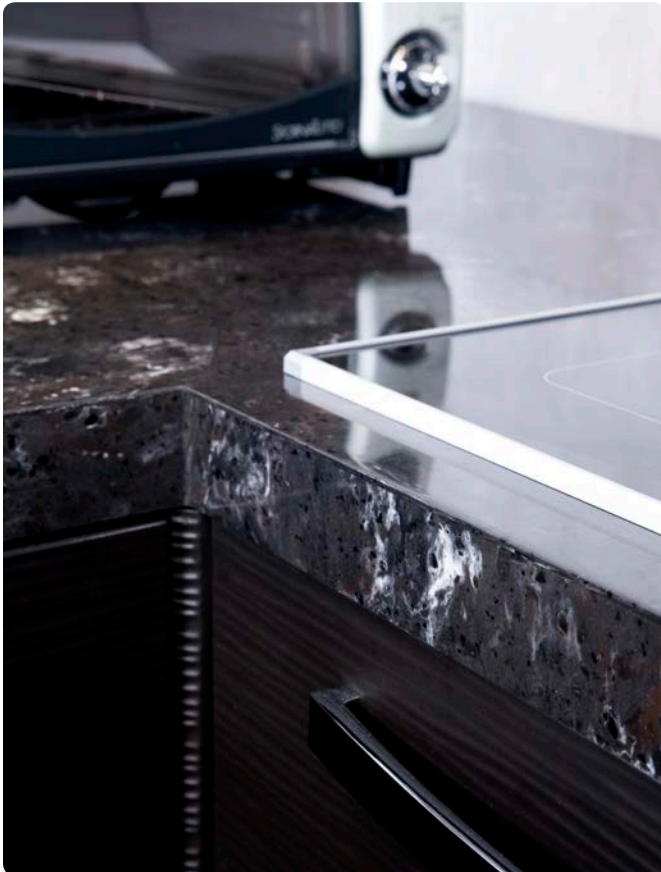
Pisa



Parma

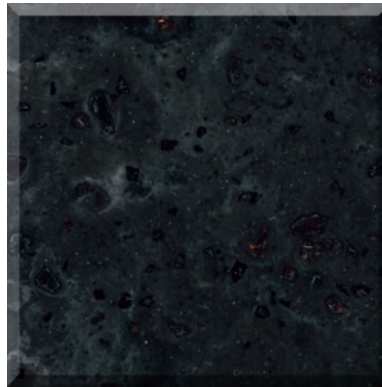


Monza

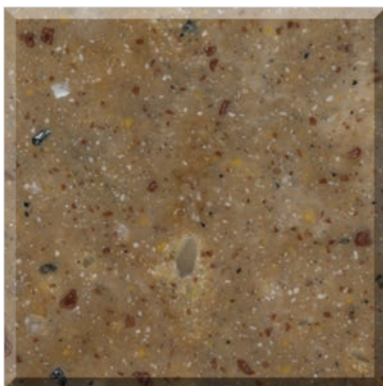


INTRODUCING MARMO COLLECTION

A contemporary solid surface that embodies the organic look of natural stone, a captivating combination of veined patterns and translucent chips, solid surface has never looked so natural.



Monza



Bergamo



SINKS UPC CERTIFIED SOLID SINKS

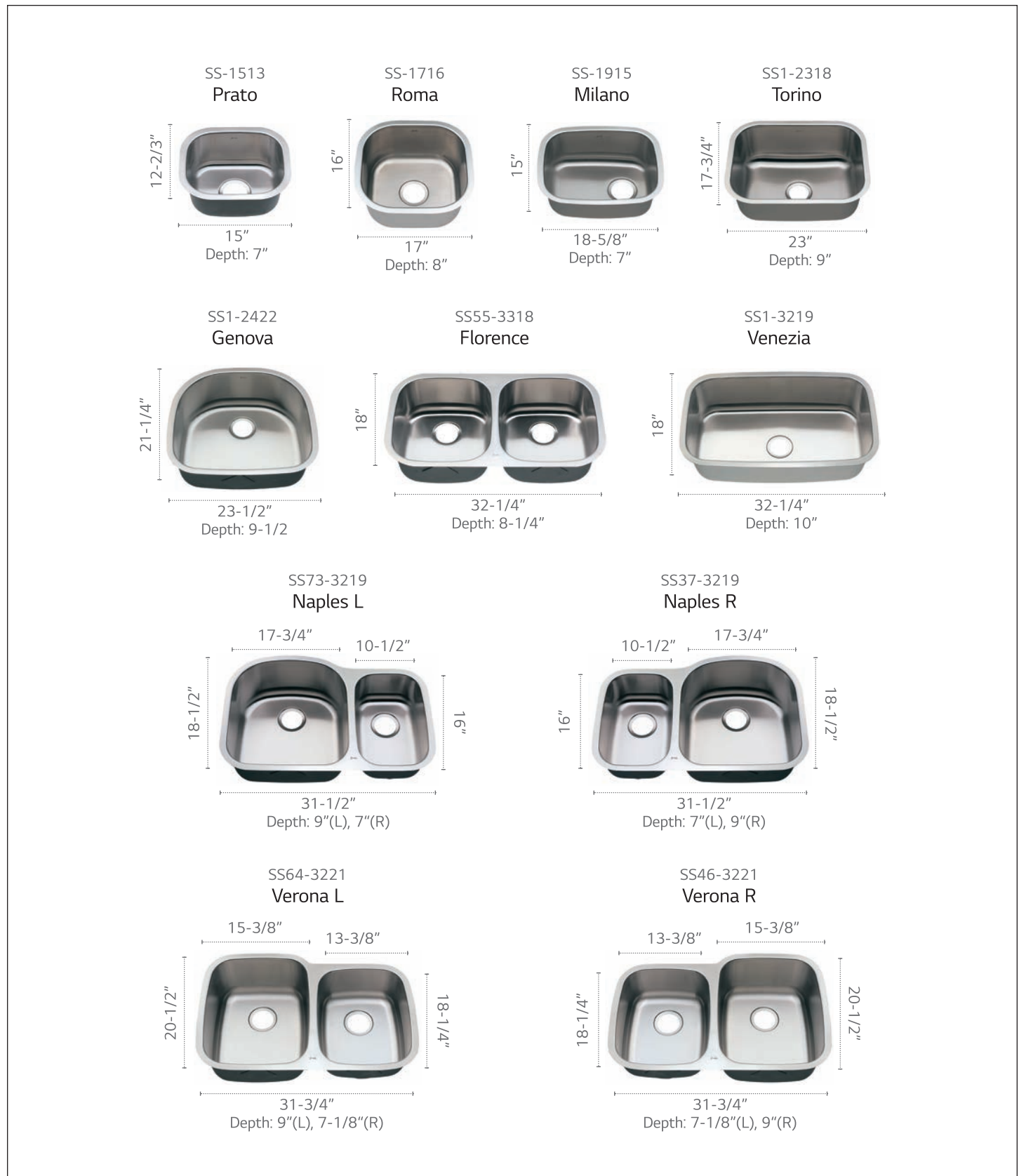


LG Hausys offers a variety of solid surface sinks to complement HI-MACS countertops. The sinks are available in four popular colors: Arctic White, Ivory White, Cream and Almond. All solid sinks are UPC certified.



SINKS LOVELLO™ STAINLESS STEEL SINKS

Designed for LG Hausys, the Lovello stainless steel sink collection offers its own unique design to complement any style or decor.



HI-MACS PERFORMANCE PROPERTIES

PROPERTY	TYPICAL RESULT	TEST
Tensile Strength	6,000 psi	ASTM D 638
Tensile Modulus	1.35 x 10 ⁶ / sq inch (850 kg / sq mm)	ASTM D 638 Nominal
Tensile Elongation	0.5% min	ASTM D 638
Flexural Strength	57.96 Mpa (8,407 PSI)	ASTM D 790
Flexural Modulus	1.34 x 10 ⁶ / sq inch	ASTM D 790
Hardness	60 Pass	ASTM D 2583
Thermal Expansion	0.000018 inch / inch / °F	ASTM D 696
Deflection Temperature (under load)	90 °C (194 °F)	ASTM D 648
Approximate Weight	4.20 lbs per sq ft (20.5 kg / sq m)	
Light Resistance	No Effect - Pass	NEMA LD 3-3.03 ISSFA SST 7.1
Wear and Cleanability	Pass	ANSI Z-124.3 ISSFA SST 3.1-00
Stain Resistance	No Effect - Pass	ANSI Z-124.3 Modified; 3.4 & 11
Fungus and Bacterial Resistance	No Effect - Pass Approved for use in all food zones	ASTM G 21 / ASTM G 22 ANSI / NSF Standard 51
Boiling Water Resistance	No Effect - Pass	NEMA LD 3-3.05 ISSFA SST 8.1-00
High Temperature Resistance	No Effect - Pass	NEMA LD 3-3.06 ISSFA SST 9.1-00
Radiant Heat Resistance	No Effect - Pass	NEMA LD 3-3.10
Izod Impact	0.3 foot lbs per inch (0.016 joules / mm)	ASTM D 256, Method A
Ball Impact Resistance	0.5 lbs (0.23 kg) ball 1/4" slab - 36" drop 1/2" slab - 144" drop	NEMA LD 3-3.08
Weatherability	Pass (1000 hr test)	ASTM D 2565 / ASTM D-1499
Specific Gravity	1.60 grams per cubic centimeter (0.06 lb / inch ³)	ASTM D792 (Density)
Water Absorption	1/4" slab - 0.07% 1/2" slab - 0.4%	ISO 4586-2 / ASTM D570
Toxicity	66.9 grams (2.36 oz)	Pittsburgh Protocol
Flammability*		ASTM E84: Class I or A
Flame Spread Index	<25	<i>*Flammability test result applies to both 1/4" thickness and 1/2" thickness.</i>
Smoke Development Index	<25	
Consistency of Color	Pass	ISSFA SST 2.10 Pass
Visual Defects	Pass	ISSFA SST 5.1 Pass
Flatness of Sheets	Pass	ISSFA SST 4.1

HI-MACS Sheet Dimension & Weight

1/2" thickness: 30 x 145", 126lbs

1/4" thickness: 30 x 98", 44lbs

All colors are available in 1/2" thickness. Please contact the LG Hausys representative for other thickness availability.



900 Circle 75 Parkway Suite 1500, Atlanta GA 30339
1-866-544-4622

Printed representation of colors may vary from actual samples. Please view the actual product prior to purchase.

HI-MACS®

www.LGHIMACSUSA.com

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SKU 1506HMKBREF



Not all colors are SCS certified for pre-consumer recycled content.
Visit NSF.org and search for LG Hausys to view the listing for certified colors.