



#### SIZES

Width	Length	Thickness
760 & 910 mm	3680 mm	12 mm

#### PHYSICAL PROPERTIES

Properties	Test	Result	Unit
Specific Gravity	JIS-K-7112	1.75	-
Rockwell Hardness	ASTM D-785	90	-
Barcol Hardness	JIS-K-6911	Solid Colour: 63±3 Granite: 61±3	-
Tensile Strength	ASTM D-638	390	Kg/cm <sup>2</sup>
Tensile Modulus	ASTM D-638	95,000	Kg/cm <sup>2</sup>
Flexual Strength	ASTM D-790	790	Kg/cm <sup>2</sup>
Flexual Modulus	ASTM D-790	98,000	Kg/cm <sup>2</sup>
Izod Impact Strength	ASTM D-256	1.5	Kg-cm/cm
Pencil Hardness	JIS-K-5400	5	H
Water Absorption	ASTM D-570	0.06	%
Heat Distortion Temperature	ASTM D-648	Solid: 105 ~ 110 Granite: 104 ~ 108	°C
Thermal Expansion	ASTM D-696	3.0 x 10 <sup>-5</sup>	mm/m/°C
Stain Recovery	KS F 4810-1986	98	%
Weatherability	ASTM D-1499	No change	1,000 hours

#### STAIN RESISTANCE

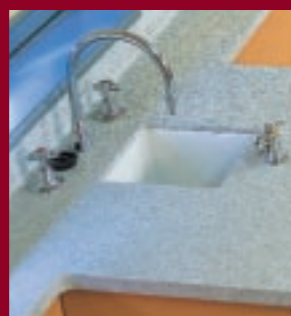
Classification	Result
Water marking pen (black), coffee, tea, scotch, milk, distilled liquor, edible oil, urine, iodine fluid (10%) etc	Easily removed with water
Crayon, lipstick, water marking pen (red) etc	Removed with neutral detergents
Oil marking pen, eye liner pencil etc	Removed with cleanser

#### CHEMICAL RESISTANCE

Classification	Result
Chloric acid (20%)	No change
Sulphuric acid (20%)	No change
Ammonia (28%)	No change
Sodium Hydroxide (40%)	No change
Methyl Alcohol	No change
Toluene	No change
Xylene	No change

#### FEATURES AND BENEFITS

- Seamless joins
- Design flexibility
- Infinite variety of edge treatments, inlays, splashback and sink mounting options
- Repairable if scratched or chipped
- Non-porous – maintaining a life-long hygienic surface
- Acrylic resins add extra strength
- 10 year limited warranty



#### APPLICATIONS

- Kitchen benchtops and splashbacks
- Vanity tops
- Commercial food preparation areas
- Office desks
- Retail counter tops
- Laboratory benchtops
- Reception counters
- Wall cladding
- Restaurant and café tables



## THE FUTURE OF SURFACES



**LG HI-MACS**  
Acrylic Solid Surface



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**THE FUTURE OF SURFACES**

LG HI-MACS® gives an impressive look to any project, whether it is a commercial or residential application. It is only limited by your design imagination. LG HI-MACS® flexibility allows for it to be used on any number of vertical or horizontal applications. Ideal in high wear areas such as laboratories and airports, or completing the gourmet's kitchen with a sleek style and sophistication.

**LG HI-MACS® VOLCANICS**

The new Volcanics range from LG is inspired by the primal forces of nature to release a flow of uninhibited design possibilities. Offering the repairability and flexibility of LG HI-MACS®, the Volcanics range incorporates large translucent chips that intensify the clarity of colour and effect.

**LG HI-MACS® TECHNOLOGY**

LG HI-MACS® has been developed by LG Chem using advanced polymer resin technology. The acrylic resins act as a reinforcing agent, adding extra strength while creating a non-porous surface that can be repaired if scratched or chipped.

**DESIGN FREEDOM**

LG HI-MACS® allows for seamless joins giving your surface a sleek, smooth finish. It can be crafted into any shape to achieve the sharpest lines or the softest curves. LG HI-MACS® offers an infinite number of possibilities with a wide variety of edge treatments, inlays, sink mounting options, coved splashbacks, integrated rubbish chutes and heat rods.

**EASY TO CLEAN**

The polymer resins add extra strength to the surface making it exceptionally non-porous. Unlike other surfaces LG HI-MACS® doesn't absorb spillages or food odors that may occur during daily use, leaving your surface hygienically clean for the life of the benchtop. It can be cleaned simply with warm water and non-abrasive household cleanser.

**EXTENDED LIFE**

LG HI-MACS® strength, durability and unique characteristics allow it to be repaired if scratched or chipped extending the life of your surface.

**WARRANTY**

LG HI-MACS® is backed by a 10 year Limited Warranty from LG Chem. Please contact your nearest Gunnersen Inspirations branch for warranty details.

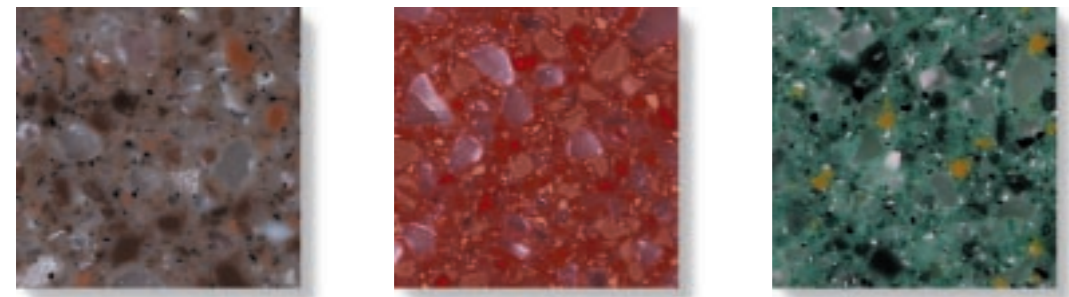
LG HI-MACS® VOLCANICS



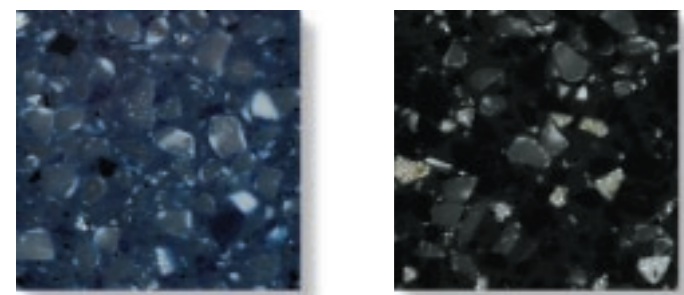
LG HI-MACS®



Gemini Tambora Santa Ana



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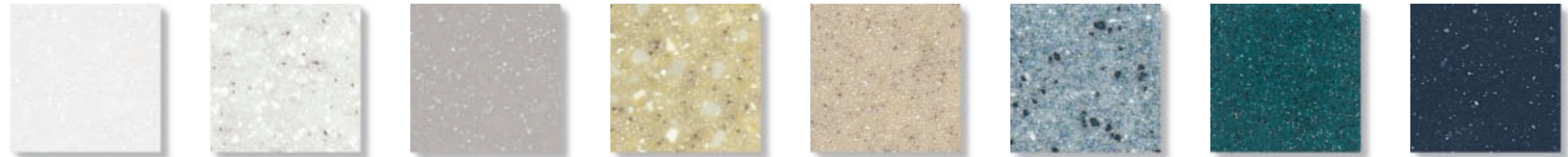


Caldera Merapi

LG HI-MACS® Volcanics



Arctic White Arctic Granite Satin White Cream Almond Sage Green Aqua Granite Midnight Pearl



Arctic Shimmer White Quartz Ivory Shimmer Natural Quartz Almond Pearl Azure Quartz Ocean Pearl Twilight Shimmer



Gray Granite Natural Granite Black Granite Black Pearl Celebration Granite Rose Sand Plum Pearl

LG HI-MACS® Acrylic Solid Surface



Colours illustrated are matched as closely to the original colour as printing processes allow. Actual product samples should be viewed to determine true colours.