

 LX Hausys

www.lxhausysusa.com

HI·MACS

Pietra Collection



Solid Surface

HIMACS Solid Surface

Introducing HIMACS

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 commercial applications to 3-dimensional installations, the unique properties of HIMACS Solid Surface allow you to create what once could only be dreamed.

Features & Benefits



UNLIMITED DESIGN OPTIONS

HIMACS can be thermoformed, cut, drilled, shaped, routed and joined together to accommodate a multitude of applications.



HYGIENIC & NON-POROUS

HIMACS is non-porous and safe for food preparation. It is certified by NSF (National Sanitation Foundation) and can be used for a broad range of application where hygiene is essential.



INCONSPICUOUS SEAMS

When two sheets are combined, HIMACS can look like a continuous material.



EASY CARE

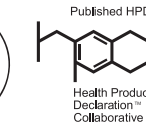
HIMACS is easy to clean and does not need sealing or special products for maintenance.



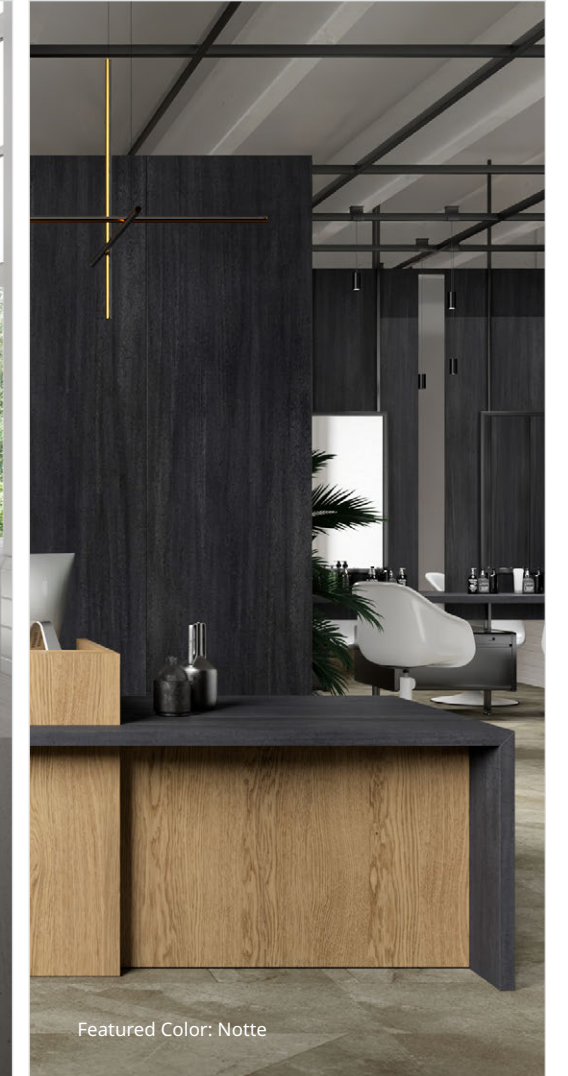
RENEWABLE

HIMACS can be restored to its original state like it is new. Deep scratches or damage may be restored by a certified professional.

Certifications



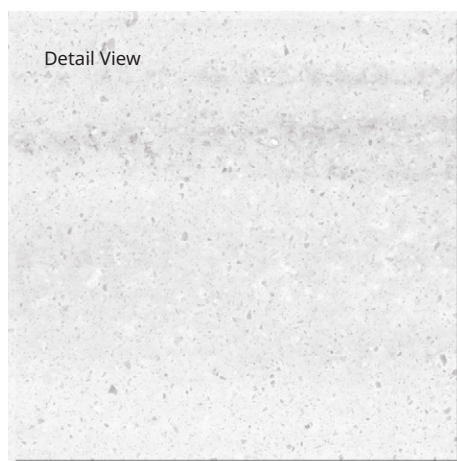
Pietra Collection



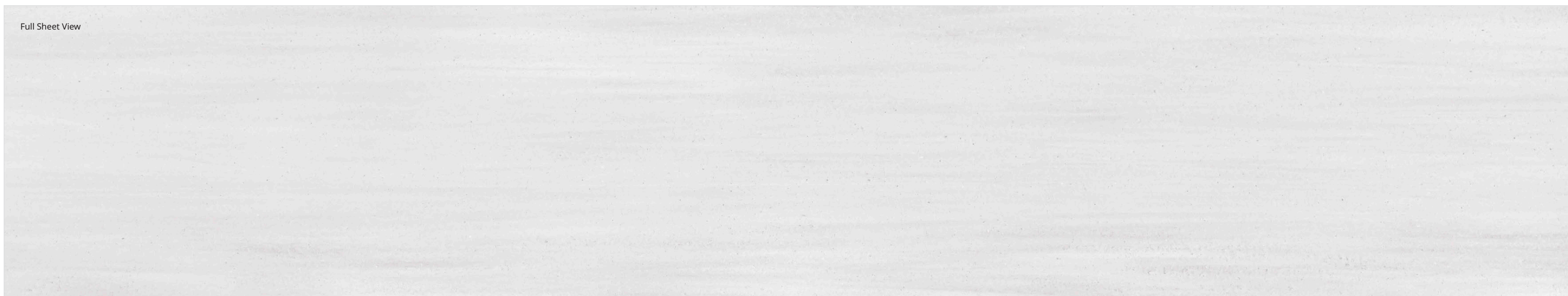
Evoking the rugged and natural flowing look of basalt, the Pietra Collection by HIMACS Solid Surfaces arises to inspire a world of design possibilities. Pietra's dense and finely grained textures, along with gentle whisper-like veining, create an aesthetic of understated luxury. Available in three colors – Brina, Calda and Notte – hues range from a light gray, to a warm white to an urbane black. Non-porous and easy to maintain, Pietra is the essence of versatility. Its rough, stony-looking texture accentuates the focal point of any interior space, or effortlessly serves as an alluring backdrop.

Brina
Z202

Brina's frosty allure offers up a new sense of coolness. Chameleon-like in appearance, Brina's light gray and soft white tones take center stage, depending on the setting. Rich in texture with intricate veining, its cool, sophisticated appearance brings a touch of luxury to modern, industrial and transitional spaces.



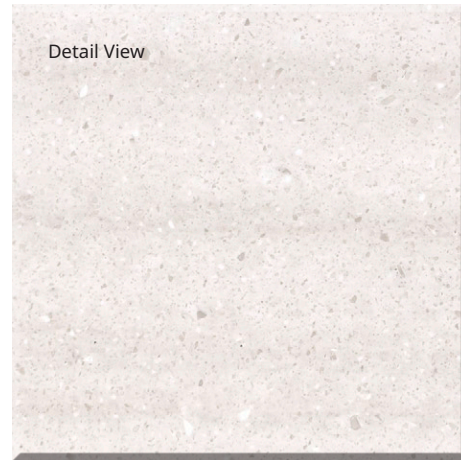
Dimensions: 30" x 145" (760 mm x 3,680 mm)



Calda

Z201 ≈

Calda's ivory and soft white hues deliver warmth and a wealth of design versatility. Its long veins gently ebb and flow in both width and tonality, revealing a gentle wave-like pattern. Interior spaces become elevated as Calda's neutral and stony look pairs perfectly with a wide spectrum of colors and materials.



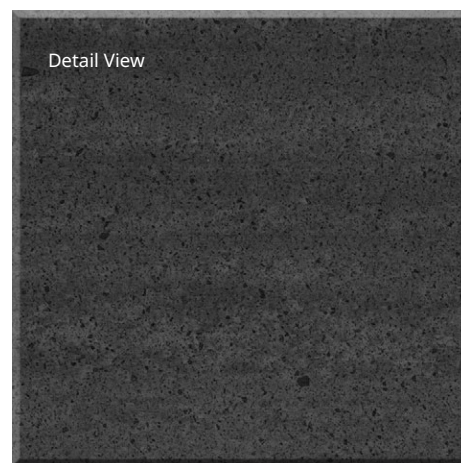
Dimensions: 30" x 145" (760 mm x 3,680 mm)



Notte

Z203 ≈

Rugged and dark, Notte makes a dramatic statement for any interior. Subtly glimpsing through an urbane black surface, long, whisper-white veins expand and condense creating light undertones and an unexpected warmth. Notte's stony textured and weathered look is both bold and inviting.



Dimensions: 30" x 145" (760 mm x 3,680 mm)



HIMACS Performance Properties

Dimensions and Weights - Actual (Nominal)				HIMACS meets or exceeds these International Standards Organization (ISO) requirements	
All manufacturing dimensions are metric				ISO 14001	Environmental Management Systems
Thickness	Width	Length	Weight	ISO 9001	Quality Management Systems
6 mm (1/4")	760 mm (30")	2,490 mm (98")	20 kg (45 lbs.)	ISO 18001	Occupational Health and Safety Management Systems
9 mm (3/8")	760 mm (30")	3,680 mm (145")	43 kg (95 lbs.)	ISO (iso.org) is an independent, non-governmental international organization with a membership of 164 <i>national standards bodies</i> .	
12 mm (1/2")	760 mm (30")	3,680 mm (145")	57 kg (126 lbs.)		

Environmental Compliance		
For all HIMACS Sheets and for LX Hausys branded Joint Adhesive		
Certification	Standard	Description
Low VOC Offgassing	UL2818 (Greenguard)	2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings
Low VOC Offgassing	UL 2818 (Greenguard Gold)	2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings
Low VOC Offgassing	SCAQMD Rule #1168	California Air Resources Board (CARB), South Coast Air Quality Management District (SCAQMD)
Fungi Resistance	ASTM G21*	Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi
Recycled Content	SCS-MC-01491	HIMACS "Eden Collection" contains up to 10% Pre-Consumer (post-industrial) recycled content

Product Declarations	Valid Until	Suitability & Fitness Test Results		
Environmental Health Product Declaration (EPD)	4/2022	Attribute Tested	Standard	Results
Health Product Declaration (HPD)	10/2021	Food Contact	NSF 51	Passed (Indoor)
		Light Resistance (UV)	NEMA LD 3.3 ISFA SST 7.1	Passed
		Cleanability / Stain Resistance	NEMA LD 3.4 ISFA SST 3.1	Passed
		Boiling Water Resistance	NEMA LD 3.5 ISFA SST 8.1	Passed
		High Temperature Resistance	NEMA LD 3.6 ISFA SST 9.1	Passed
		Scratch Resistance	ISFA SST 6.1 NEMA LD 3.7	Passed
		Ball Impact Resistance	NEMA LD 3.8 ISFA SST 5.6	8 oz @ 144" - Passed
		Radiant Heat Resistance	NEMA LD 3.1	Passed
		Wear / Cleanability	ANSI Z-124.3	Passed
		Wear / Cleanability	ANSI Z-124.6	Passed

Physical Test Results		
Attribute Tested	Standard	Results
Tensile Strength	ASTM D638	6,000 psi
Tensile Modulus	ASTM D638	1.5 x 10 ⁶ psi
Tensile Elongation	ASTM D638	0.5%
Flexural Strength	ASTM D638	8,407 psi
Flexural Modulus	ASTM D638	1.34 x 10 ⁶ psi
Hardness (Rockwell)	ASTM D2583	90 (Pass)
Hardness (Barcol)	ASTM D2583	65
Thermal Expansion	ASTM E228	1.7 x 10 ⁻⁶ in/in/°F
Deflection Temperature	ASTM D648	194°F

*Note: ASTM G 22 "Bacteria Resistance Standard" was withdrawn by ASTM in 2002 and has not been replaced.
 NEMA is National Electrical Manufacturers Association.
 ISFA is International Surface Fabricators Association.
 ASTM was formerly known as American Society for Testing and Materials.
 ANSI is American National Standards Institute.
 NEMA tests are not "rigorous" but are widely accepted residential kitchen/bath industry standards.

Flammability, Flame Spread, and Smoke Developed Performance Properties				
Certification	Standard	Results	FSI	SDI
Flammability - USA	ASTM E-84/UL 723	Class A	<25	<25
Flammability - USA	NFPA 101	Class A		
Flammability - Canada	ANSI/UL 723CAN/ULC-S102-10	Passed	30	10
Flammability - Canada	ANSI/UL 723CAN/ULC-S102.2	Passed	0	0
Flammability - Europe	EN-13501	Class B-s1, d0		
Toxicity	Pittsburgh Protocol	2.36 oz (66.9 g)		

FSI is Flame Spread Index.
 SDI is Smoke Developed Index.

HIMACS Care & Maintenance

General Care

Always use a trivet (or similar device) with soft feet under any heat-generating device such as a toaster oven or electric fry pan. Avoid contact with strong chemicals such as drain cleaners and oven cleaners - they can cause discoloration of HIMACS that may be permanent. In the event of accidental contact immediately wipe up the splash, clean the affected area, rinse thoroughly with clear water, and buff dry.

Routine Cleaning

HIMACS is non-porous so stains don't penetrate the surface. Everyday cleaning requires only a damp cloth (microfiber works well) and a mild detergent solution or all-purpose countertop cleaner, rinse with clear water and buff dry. This will also reduce possible "hard water" mineral buildup around faucets. Some suggested cleaners are shown below and ammonia-based cleaners also work well, however some window cleaners can leave a film residue that will build up over time.

Spills, Splashes, Spots

Some foods, beverages, and food preparation materials contain food color and dyes that may require a little more attention. If they aren't removed with the "routine care" steps, first remove any excess with a plastic putty knife. Then try one of the "Less Abrasive Cleaning Products" shown below. Apply the product directly to the affected area, rinse, and buff dry.

Unusual Stains

If further attention is needed any of the "More Abrasive Cleaning Products" shown below can be used. It's rare, but sometimes it may be necessary to use diluted (1:4) household bleach such as Clorox® applied directly to the affected area. Never let the bleach solution to sit more than two or three minutes before thoroughly rinsing and drying the area. It can be used on HIMACS sinks and vanity bowls too.

- Nail polish spills can be removed using nail polish remover by applying it to a cotton ball or swab, wipe (don't scrub) the affected area, wash, and rinse. Be careful with acetone-based removers - it's important to limit exposure to avoid discoloration.
- "Super Glue" (cyanoacrylate) spills should first be reduced using a plastic putty knife. The remaining residue can usually be removed following the steps for nail polish (it may require an acetone-based nail polish remover). Be sure to clean, rinse, and buff dry. If necessary, repeat the process.

Less Abrasive Cleaning Products	More Abrasive Cleaning Products
Formula 409®, Greased Lightning®, Simple Green®, Windex® Disinfectant Multi-Surface Cleaner, ammonia-based spray cleaners	Ajax® Comet® Mr. Clean® Magic Eraser products
Household baking soda and water paste	
Barkeepers Friend®, Soft Scrub® (liquid)	Barkeepers Friend® (powder)
3M™ Scotch Brite pad, wet (#7445 white, #7448 light gray)	3M™ Scotch Brite pads, wet (#7447 maroon, #6448 dark gray, or green as found on sponges)

Disinfecting

For information about specific products, visit the Environmental Protection Agency (EPA) website to review "List N", a list of EPA registered products, at <https://cfpub.epa.gov/wizards/disinfectants>.

This information is provided by LX Hausys America, Inc. without cost or obligation. It is based on resources which we believe to be accurate and/or on testing conducted internally and/or by entities which we believe to be reliable based on information available at the time. It is made available to the various parties who may find it useful for various purposes at their own discretion and at their own risk.



Featured Color: Calda

- The "inch" dimensions are nominal.
- Search for LX Hausys on NSF.org to see the listing of the certified HIMACS colors.
- ⚠️ Pietra Collection colors exhibit increased movement and variation of color and pattern which cannot be fully recognized on some samples. Seams may be noticeable in these colors.
- Digital representation of colors may vary from actual product. Please view the actual product prior to purchase.
- Darker colors tend to require more attention than lighter colors to maintain a uniform finish.
- CGI renderings are shown for illustration purpose only.

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