



Why Merino - Hanex Solid Surfaces?

Easy to fabricate: These solid surfaces can be fabricated into any shape and can be joined without visible seaming line.

Durability: Excellent in both colour and durability, these solid surfaces are the best choice as finishing materials for interiors. These are stronger than natural stone and maintain their shapes and beauty in any condition.

Stability: These solid surfaces are thermally stable. These surfaces are heat resistant, hot water resistant, chemical resistant, stain resistant, UV stable and can stand all weather changes on interior applications.

Easy to maintain and repair: These solid surfaces are water resistant, which makes them easy to maintain and a perfect fit for damp areas such as bathrooms and kitchens.

Refined design and unlimited possibilities of application: These solid surfaces offer style that is comparable to natural stone or marble and can be used in any indoor application. With a wide range of colours and patterns, it they provide elegance and aesthetic interiors.

Care & Maintenance

Everyday cleaning: Wipe clean with a damp cloth or sponge. For basic stains, clean with mild detergents or general all purpose cleaners. Periodically go over surface with a mild abrasive cleanser to maintain a uniform appearance.

Heat damage: To prevent any damage from heat, never place hot items directly on the surface. Always use trivets with rubber feet when placing hot items on the Solid Surface.

Chemical damage: Avoid contact with strong chemicals that can cause damage to the surface such as oven cleaners, acetone, paint removers and other strong chemicals. If exposed, promptly rinse with water. Remember, prolonged contact with harsh chemicals can cause serious damage to the Solid Surface

Simple steps to avoid damage: Avoid cutting directly on the Solid Surface. Always use a cutting board. Never place hot pans directly on the Solid Surface.

Removing persistent stains: To remove persistent stains or scratches, scrub the stained area with a mild abrasive cleanser. Deep scratches and/or other damages may require professional repair. Only Hanex Joint Adhesive is recommended for use on Merino - Hanex Solid Surfaces.

TECHNICAL SPECIFICATIONS

Specification	Tolerance	Test Standard	Hanex
Composition	-	-	(12 mm Thickness)
Aluminum	60-65%	60-65%	60-65%
Polymer	33% max	30-35%	30-35%
Additives	3-5%	4-5%	4-5%
Tensile Strength	5800 to 6200 PSI	(ASTM D638-22)	6000.0
Flexural Strength	61 to 72 MPa	(ASTM D790-17)	64.3
Flexural Modulus	10.9 to 11.5 GPa	(ASTM D790-17)	11.5 Gpa
Hardness	>85 Rockwell Scale	(ASTM D785-08)	86
Thermal Expansion	3.02 x 10 ⁻⁵ mm/mm/°C	ASTM D 696(EN14581)	3.04 x 10 ⁻⁵
Light Resistance (Xenon Arc)	No effect	(NEMA LD3)	Pass
Wear and Cleanability	Passes	(ANSI Z124.3)	Pass
Stain Resistance Sheets	Passes Rating >4	(ANSI Z124.3)	Pass
Fungus and Bacteria Resistance	Does not support Microbial Growth	(ASTM G21)	No Growth
Resistance to wet heat	No Visible Change	(JIS K 6902)	No Defects
Impact Resistance	No break	(NEMA LD3, ISO 4586-2)	Pass
Density	1.66 to 1.75	(ASTM D792-20)	1.72
Water absorption	0.02 to 0.05 %	ASTM D570-98(2010)e1	0.03%
Thickness of Sheets	12mm ± 0.8		12mm ± 0.8

Size Matrix

Thickness (mm)	Width (mm) (ft)	Length (mm) (ft)	Weight (kg)
6 mm	760 mm 2.5 ft	2490 mm 8 ft	20 - 21 kg
12 mm	760 mm 2.5 ft	3680 mm 12 ft	59 - 61 kg

Hanex

By Hyundai L&C

HANEX IS THE REGISTERED TRADE MARK OF HYUNDAI L&C - SOUTH KOREA.



Scan for E-Catalogue

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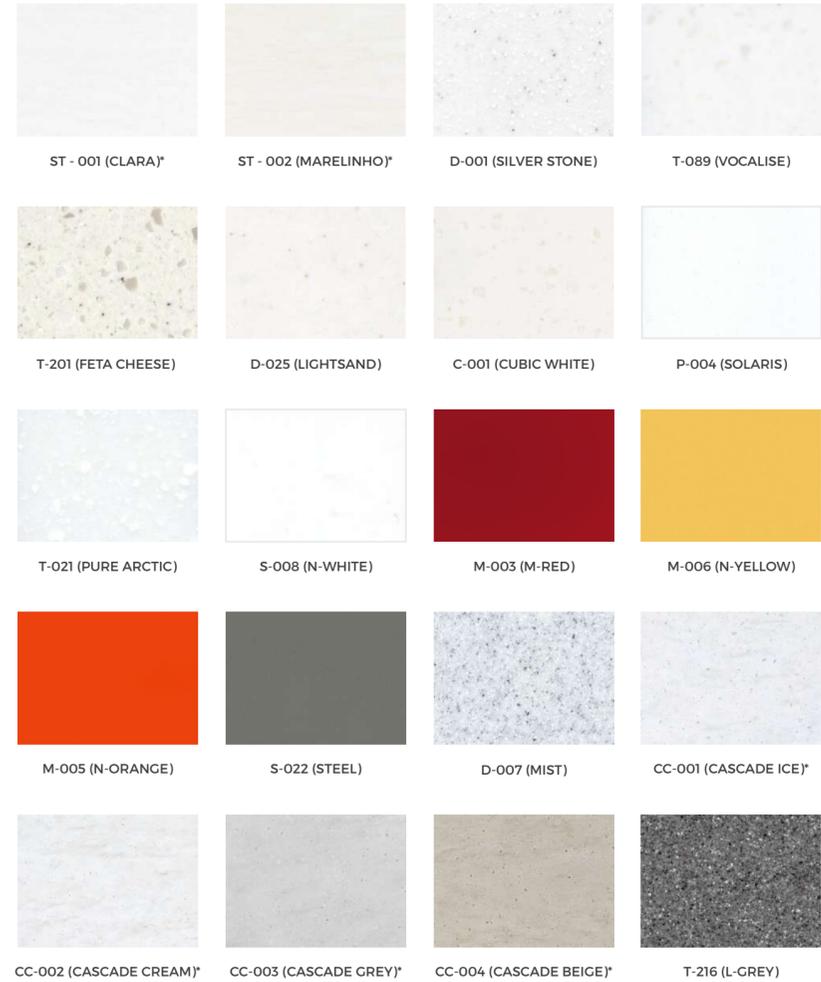


HANEXDOMH1716/July, 2024





Merino- Hanex Collection



*These designs are available only in 12mm thickness
Note: Image shown are reference only, actual colour may vary



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What is Merino-Hanex?

Merino-Hanex crafted from a unique blend of acrylic resins and natural materials, these surfaces are available in sheets that can be cut, shaped, and formed into an endless array of designs.
Hanex Solid Surface is an acrylic solid surface material which is composed of Methyl Methacrylate (MMA) and Poly Methyl Methacrylate (PMMA) resin filled with Alumina-Trihydrate and other specialized formula to give it a timeless beauty and quality.

Key Features:

<p>Seamless Design</p> <p>Sheets can be bonded together with inconspicuous seam. Smooth integration allows large areas without joints.</p>	<p>Recyclable</p> <p>Hanex is an eco-friendly material, as it is renewable and can be used again in its production process.</p>	<p>No Radon Detected</p> <p>Hanex is a safe product with no first-class carcinogen radon detected.</p>	<p>Fire Resistant</p> <p>Hanex carries the highest interior finishes fire rating as it does not allow fire to spread.</p>
<p>Anti-Bacteria</p> <p>Hanex is capable of withstanding the spread of other harmful germs and bacteria.</p>	<p>Translucent</p> <p>Various thickness of Hanex exhibit a special translucency when exposed to light.</p>	<p>Thermoform</p> <p>Sheets can be thermoformed to create curves or shapes of any designs.</p>	<p>UV Resistant</p> <p>Hanex comes with UV stable colors with excellent colorfastness.</p>