

ACE Surfaces™

Just Touch it

PoliLam



ACE Surfaces™

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Bring Nano Tech to Your Surface

We introduce electron-beam technology for one simple reason: to reduce life's trivial strains to improve our end-user's quality of life.

Whether used for light or heavy use, ACE Surfaces™ are engineered to leave no trace. Appealing to the senses, ACE Surfaces™ captivate with bold designs and baby skin soft touch.




ACE Surfaces™ are the surfaces of the age. They adapt to everyday touch, use, and wear without the worry of handprint or residue. ACE Surfaces™ conform to suit your living style. They radiate ease, require very little maintenance, and have durable properties. They make cleaning a breeze!

More importantly, low formaldehyde emissions contribute to a healthy lifestyle for ourselves and the environment.

We invite you to explore our ACE Surfaces™ collection.

ACE Supreme™

AS













-  Thermal Self Healing
-  Food Contact
-  Scratch and Abrasion Resistant

ACE Premium™

AP

-  Multiple Designs
-  Design Enhancement
-  Abrasion Resistant

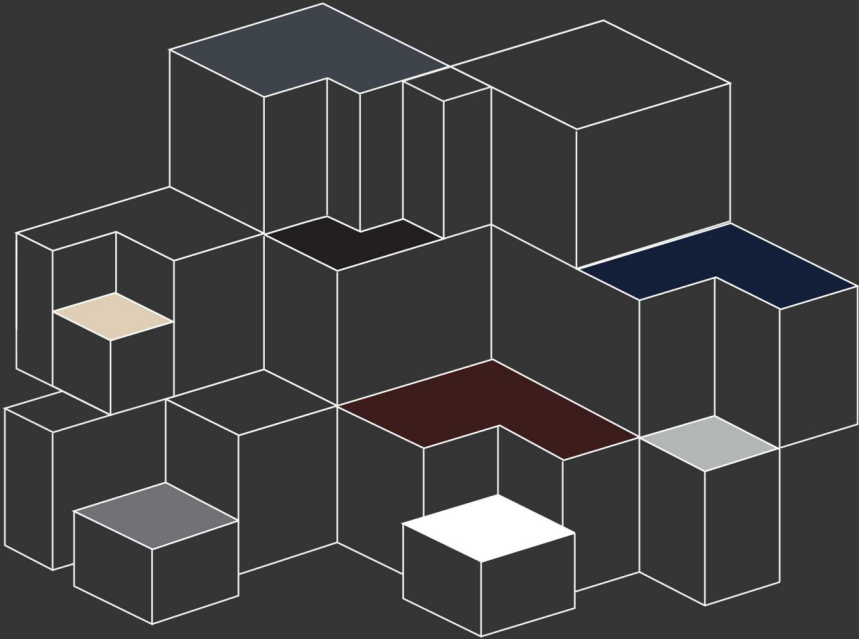
Common Features

-  Anti-Fingerprint
-  Soft Touch
-  Anti-Bacterial
-  Extremely Matt
-  Low Light Reflectivity
-  Easy Clean
-  Hydro-Repellent
-  Intensity and Color Depth
-  Resistant to Dry-Heat
-  Resistant to Acid-Based Solvents
-  Environmentally Friendly
-  CH_2O Formaldehyde Free Surface

ACE Supreme™

A Solid Color Collection

 Slate Ace M0003 AS	 Raven Ace M0006 AS	 Oxford Ace M0010 AS
 Champagne Ace M0007 AS	 Jinx Ace M0005 AS	 Lead Ace M0009 AS
 Earl Ace M0008 AS	 Snow Ace M0002 AS	



ACE Surfaces™



Snow Ace M0002 AS



Airport Lounges

Antibacterial properties are especially suitable for spaces associated with transit and travel. Since 2020, we have had to adapt to a new way of interacting with the people and surfaces around us, and now more than ever, the importance of antibacterial surfaces in public spaces is increasingly evident. Shown here at an airport lounge is Ace Supreme™ Ivory Ace, used for tabletops and flat surfaces.

Pictured is Ace Supreme™ Snow Ace, used for tabletops and flat surfaces and Ace Premium™ Amalia Sicilian Oak beams. Both are fingerprint resistant and have antibacterial properties, providing a safer and more relaxing transit environment for travelers.



Kitchen

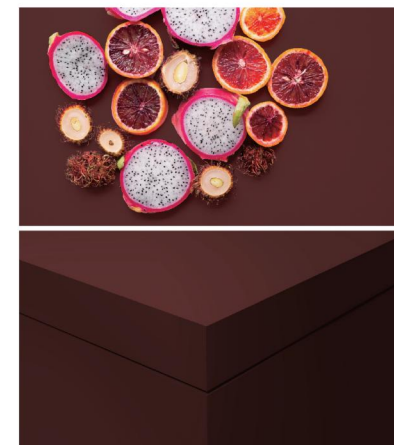
PoliLam is happy to introduce to you one of our new colors, Champagne Ace. A light hue design that is not only trendy, but also timeless.

AS features are already perfect for kitchen spaces, thanks to easy clean and food safety qualities, together with Champagne Ace we set a relaxed tone of understated elegance.



Furniture

Bold matt colors with intensity and color depth, without the worry of handprint residue.





Restaurants

Food safety, as well as easy-to-clean surfaces, are two essentials in any restaurant environment. So it's no surprise our classic black Raven Ace has made its way into restaurants—even the oiliest and spiciest kitchens remain unblemished!



Wardrobes

A chosen surface solution for closets and changing rooms. In high traffic areas it's a safe and suitable surface solution that keeps its aesthetic intact.

Tabletops


A favorite for office furniture offering an elegant and modern look. It also has impact and scratch resistance properties making it impenetrable and damage proof. So not only is this surface nice to look at, but its features set it apart from the rest. It's the perfect surface for meeting rooms—providing a sleek look, practical functions, and a soft touch.




ACE Premium™

Ace Premium™ designs aren't limited to just solid colors. Woodgrains, stones, and patterns make up our Ace Premium collection.


C - Solid Colors W - Wood S - Stone




Opal
C0036 AP




Rouge
C0059 AP




Tuscan
C0056 AP




Almond
C0013 AP




Soil
C0054 AP




Russell
C0034 AP




Celeste
C0026 AP




Davy
C0032 AP




Onxy
C0076 AP




Storm
C0033 AP




Coffee
C0058 AP




Persimmon
C0091 AP




Brick
C0113 AP




Turquoise
C0245 AP




Olive
C0152 AP



Lavender
C0271 AP



Nude Pink
C0273 AP



Mustard
C0100 AP



Adler Oak
W0011 RW AP



Austin Hentzi Ash
W0069B RW AP



Ableh Agar
W0070C VF AP




English Oak
W0024 RW AP




Ebony Thorn
W0080 RW AP



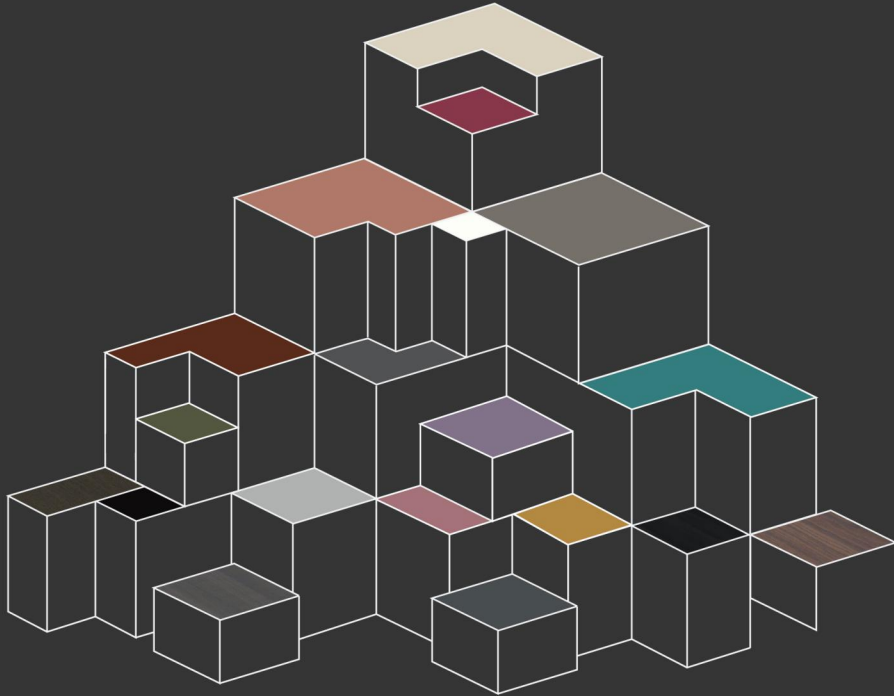
Mongolica Oak Tyne
W0008B RW AP

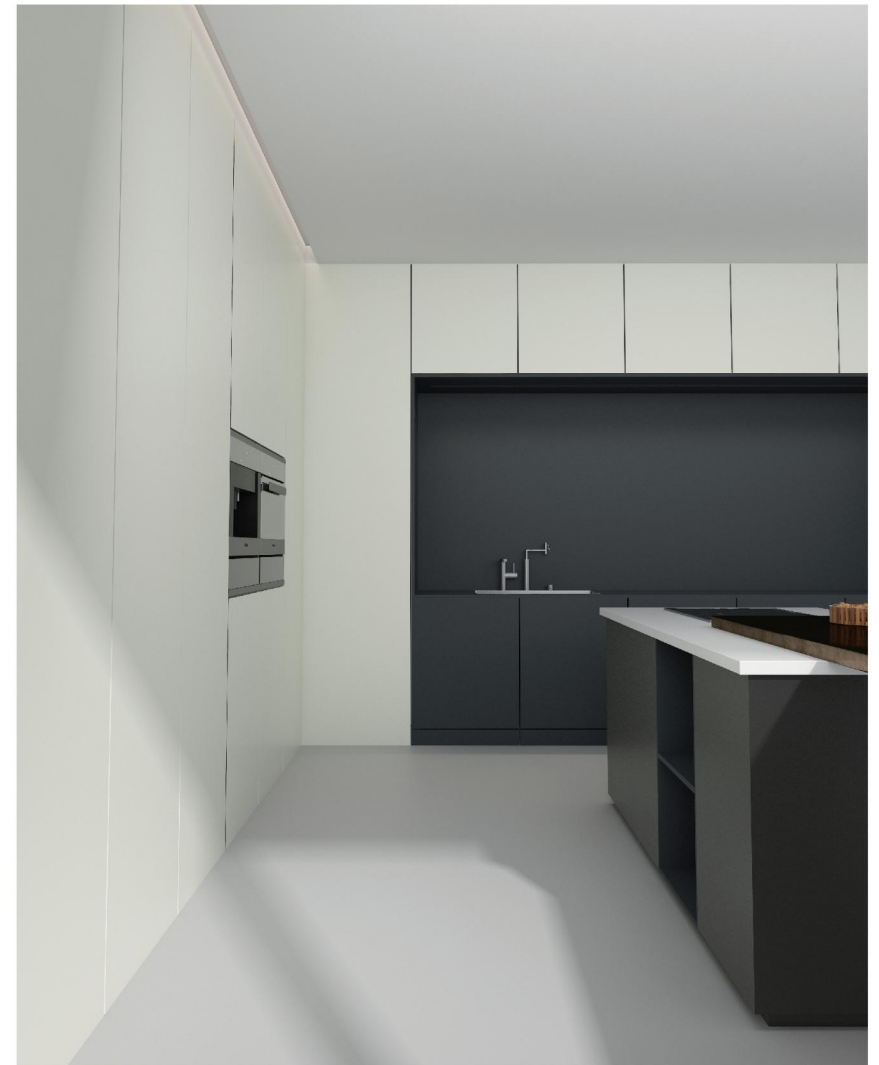


Amalia Sicilian Oak
W0051B VF AP



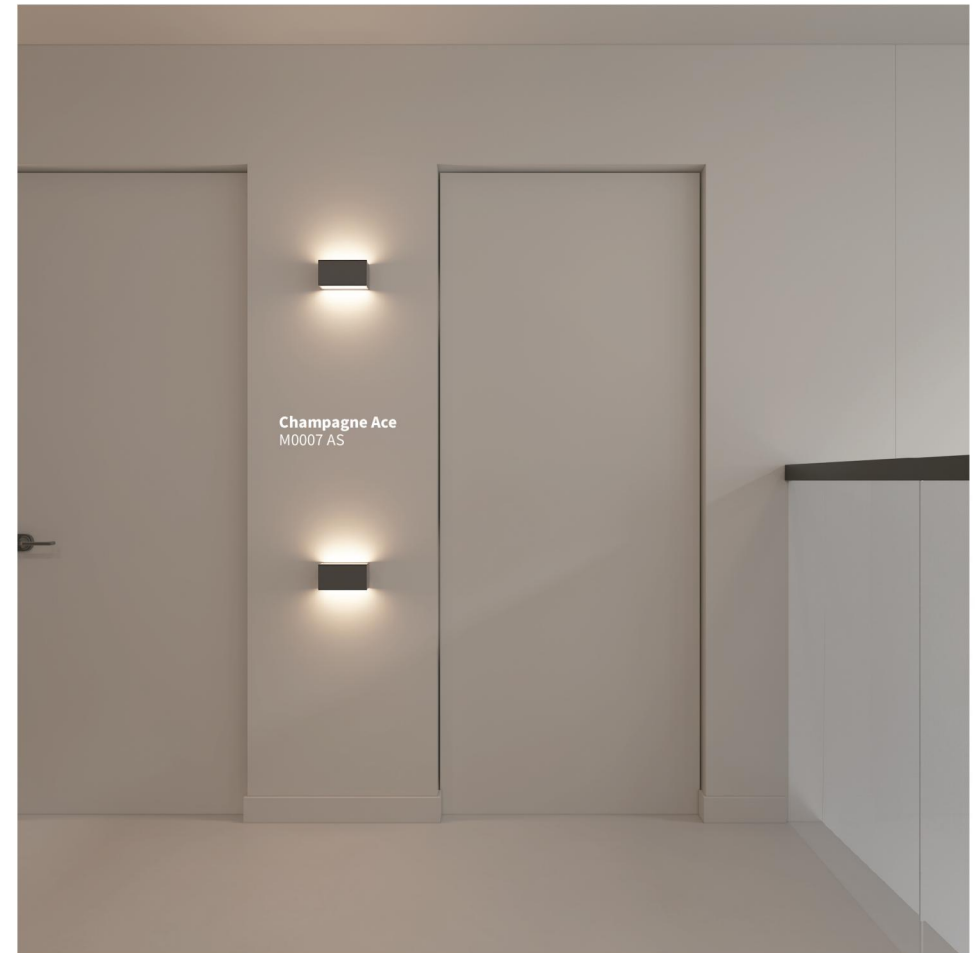
Denovo Lava
S0034B SU AP





Kitchen

Our Ace Surfaces™ is a favorite in kitchens because of its many practical features. In particular, food safety, mold resistance, and easy-to-clean properties.



Coworking

The boldness of Ace Surfaces™ solid-color designs makes them a furniture favorite. Their smooth-touch, easy-clean properties and antibacterial features make them not only a great home and office furniture option but also a necessary component for coworking spaces. Ace Surfaces™ is a suitable product for high-volume areas experiencing daily human contact.



Reception

This reception area uses the soft grey tones of our Celeste AP. Creating a warm and welcoming space, yet clean and professional. Additionally, its fingerprint resistant qualities enhance its hygiene, an extremely important feature in public areas.

The wall paneling and seating area of our Onyx AP will keep its sleek look no matter how much traffic your reception area receives. Moreover, you can breathe easy knowing these surfaces have anti-bacterial qualities.



Living Areas

A very important difference between Ace Premium™ and Ace Supreme™ is that Ace Premium™ can be applied to multiple designs, while Ace Supreme™ is only available in solid colors. Ace Premium™ therefore reflects a more design-enhanced décor of woodgrains, stones, patterns, in comparison to traditional laminates.

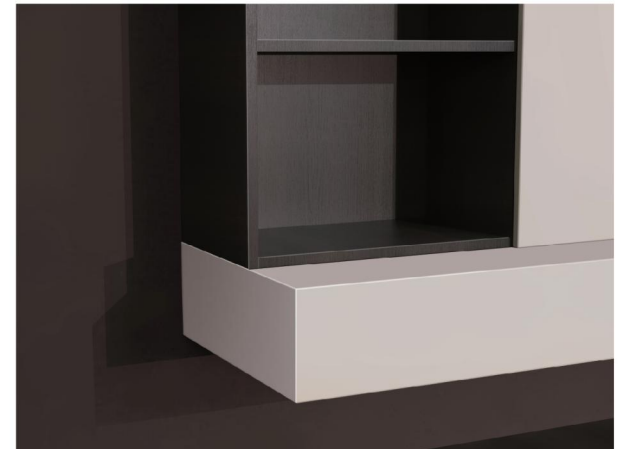
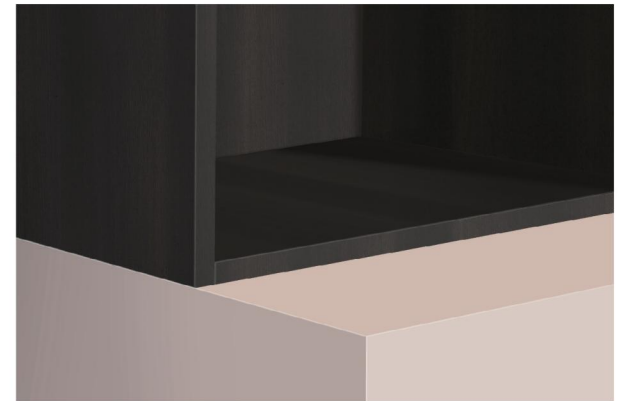


Bookshelf

From our Ace Premium™ collection, we combine Ebony Thorn and Opal AP. When choosing dark woods, like Ebony Thorn, Ace Premium™ fingerprint-resistant features are essential. Dark wood grains are much more susceptible to handprint residue than light wood grains. Our Opal AP pairs well with all natural décor and creates an entirely anti-fingerprint product.

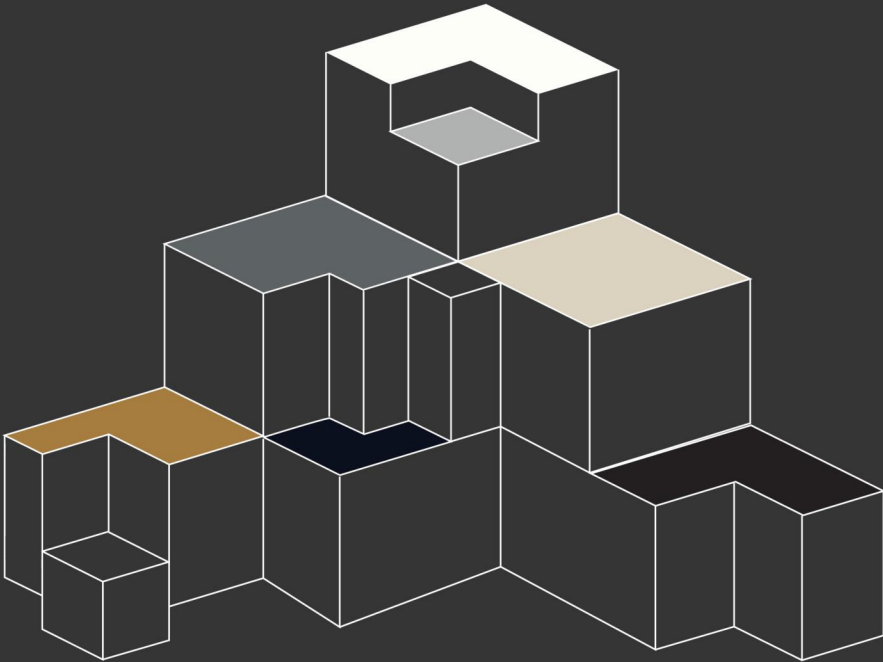
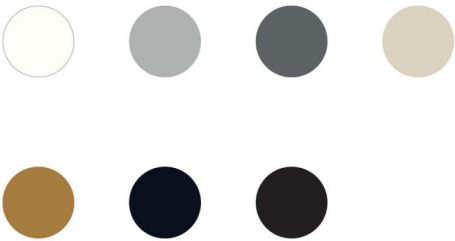
Opal C0036 AP

Ebony Thorn W0080 AP



ACE Supreme™

ACE Premium™



ACE Surfaces™

Kitchen

Matt features enhance this classic dark grey, and its fingerprint resistance and easy-clean properties will make your time in the kitchen a pleasurable one.

Slate Ace M0003 AS & Davy C0032 AP

Bathrooms

A combination of vanity and cabinet application surface solutions.



INFORMATION

Our Ace Surfaces™ are a combination of fingerprint-resistant nanotechnology surfaces. Ace Supreme™ and Ace Premium™ have similar features; they are both fingerprint resistant, matt, and have antibacterial properties. However, it is their distinct features that make each surface suitable for different applications. Ace Supreme™, which comes in an array of solid colors, has the highest level of scratch resistance available in high pressure laminate surfaces. Ace Premium™ can additionally be used for a variety of designs, including woodgrains, stones, patterns, and more.

Thickness	Design	Type	Size
1.0mm	Entire Ace Surfaces™ Range	Standard	1220x2440mm 1220x3050mm
1.2mm	Raven Ace M0006 AS, Snow Ace M0002 AS, Slate AS M0003 AS	Color Core	1220x2440mm 1220x3050mm
2.5mm	Entire Ace Surfaces™ Range	Standard	1220x2440mm 1220x3050mm
2.5mm	Raven Ace M0006 AS, Snow Ace M0002 AS, Slate AS M0003 AS	Color Core	1220x2440mm 1220x3050mm
4mm	Entire Ace Surfaces™ Range	Standard	1220x2440mm 1220x3050mm
4mm	Raven Ace M0006 AS, Snow Ace M0002 AS, Slate AS M0003 AS	Color Core	1220x2440mm 1220x3050mm
8mm	Entire Ace Surfaces™ Range	Standard	1220x2440mm 1220x3050mm
8mm	Raven Ace M0006 AS, Snow Ace M0002 AS, Slate AS M0003 AS	Color Core	1220x2440mm 1220x3050mm

Applications



Transportation



Healthcare

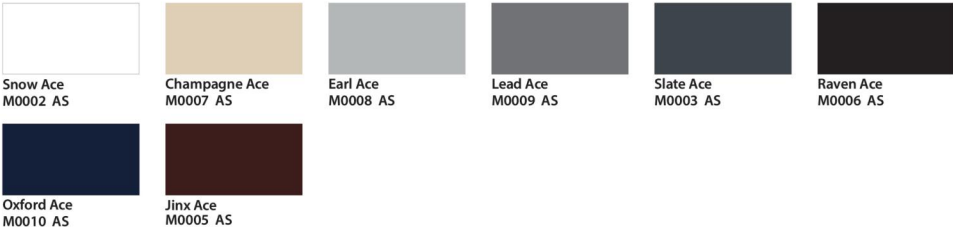


Residential



Commercial space

ACE Supreme™



ACE Premium™



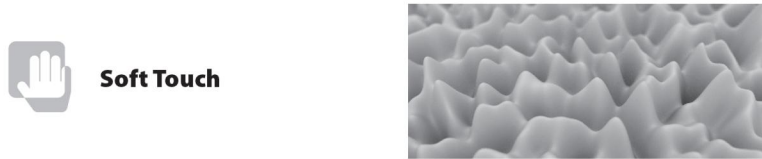
Test Report Characterisitics

Test Method	AS Test Results	AP Test Results
Stain Resistance Characteristics EN 438-2: 2016 + A1: 2018 Clause 26	Rating 5	Rating 5
Scratch Resistance EN 438-2: 2016 + A1: 2018 Clause 25	6N	4N
Surface Wear Resistance EN 438-2: 2016+A1: 2018 Clause 10	800r	500r
Gloss Level (Degree:60°) ISO 2813: 2014	1.6 degrees	1.6 degrees
Resistance to Water Vapour EN 438-2: 2016 + A1: 2018 Clause 14	Rating 5	Rating 5
Resistant to Dry Heat (Test temperature: 160°C) EN 438-2: 2016 + A1: 2018 Clause 16	Rating 5	Rating 5
Resistant to Wet Heat (Test temperature: 100°C) EN 438-2: 2016 + A1: 2018 Clause 18	Rating 5	Rating 5
Impact Resistance by Small Diameter Ball Test (Size: 2400mm (AS) 、 1200mm (AP)) EN 438-2: 2016+A1: 2018 Clause 20	44N	44N
Impact Resistance by Large Diameter Ball Test EN 438-2: 2016 + A1: 2018 Clause 21	2200mm, undamaged	2200mm, undamaged
Resistance to Cracking under stress (Test temperature: 50°C) EN 438-2: 2016 + A1: 2018 Clause 23	Rating 5	Rating 4

FEATURES



Thermal Self Healing



Soft Touch



Low Light Reflectivity



Anti-Fingerprint



Anti-Bacterial

Maintenance of your Ace Surfaces™

To ensure you get the best long-term performance from your Ace Surfaces™ We strongly recommend cleaning the Ace Surfaces™ immediately after soiling by wiping with a damp cloth, or with the recommended cleaning agents.

TYPE OF STAIN	RECOMMENDED CLEANING SOLUTION
Coffee/Balsamic Vinaigrette	Dish soap and water with Sponge
Black Tea	Washing Powder with Sponge
Red Wine	Dish soap and water with Sponge
Ketchup/Mustard	Wooden spatula, followed by water and dish soap
Coca Cola	Dish soap and water with Sponge
Graffiti Spray/Spray Paint	Acetone and Towel
Shoe Polish	Ethanol, Dish Soap, Rubber Sponge
Blood	Toothpaste or Dishwashing Powder
Nail Polish	Acetone
Olive Oil	Dish soap and water, Ethanol
Permanent Marker/ Ink	Acetone with towel and sponge
Pencil/Market	Dish soap and water, sponge
Pen	Ethanol and sponge

DO NOT USE

Abrasive cleaning materials and accessories such as steel wool, stainless steel, scrubbing pads, or other cleaning agents with abrasive properties including scrubbing milk and powder.

RECOMMENDED CLEANING AGENTS

Dish soap and water, Melamine Dirt Eraser Sponge, Soft micro-fiber cloth, Household Grease Cleaning Agents, Acetone, Ethanol

FOR SCRATCH REPAIR

Use a melamine sponge for light scratches. Superficial scratches can be repaired by rubbing your melamine sponge on the area with the scratches are witnesses. Your sponge can be used dry or dampened.

PoliLam Certifications:



Singapore Green Label



EN 45545-2:2013 + A1 Fire Protection on Railway Vehicles
EN 438-2:2016 + A1 2018



ISO 22196 Anti-Bacterial Test Report



NEMA LD 3-2004 Characteristics
Anti-Bacterial Test Report



GREENGUARD & GREENGUARD GOLD



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