

2 0 2 0
GLOBAL

GREEN BUILDING PRODUCTS

COMPLIANCE WITH ALL
BUILDING STANDARDS



A BRAND OF ARISTECH SURFACES LLC



A Brand of Aristech Surfaces LLC



FIFTY YEARS

WE BRING EXCELLENCE TO THE SURFACE™



ARISTECH SURFACES LLC HAS BEEN THE LEADING PROVIDER OF ACRYLIC SURFACE DESIGN MATERIALS, FOR 50 YEARS.

OUR FLAGSHIP BRANDS **AVONITE SURFACES®** SOLID SURFACE AND **STUDIO COLLECTION®** DESIGN RESIN ARE SUSTAINABLE CHOICES FOR YOUR PROJECT'S FINISHES AND FEATURES.

OUR BEAUTIFUL, DURABLE AND VERSATILE SOLID SURFACE MATERIALS ARE ENVIRONMENTALLY RESPONSIBLE PRODUCTS SELECTED BY ARCHITECTS, DESIGNERS AND FABRICATORS WHO HOLD SUSTAINABILITY AS A CORE VALUE. YOU CAN SPECIFY EVERY COLOR AND PATTERN OF AVONITE SURFACES® AND STUDIO COLLECTION® WITH CONFIDENCE, KNOWING THEY MEET THE MOST STRINGENT DEMANDS OF CURRENT GREEN BUILDING STANDARDS, AND AS STANDARDS EVOLVE, SO WILL OUR PRODUCTS.



TRANSPARENCY AND DISCLOSURE

Expectations of transparency about the environmental and health impacts of building products and materials are high in the green building market. Designers, specifiers and building owners want to know exactly what they are utilizing and its effect on people and the environment. Green building standards like LEED reward transparency, encouraging the specification of products with documented declaration of contents and impacts. Avonite Surfaces® and STUDIO Collection® products provide compliant transparency documentation through EPDs, HPDs, and soon, Declare Labels.

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

An **EPD** is a published report summarizing the highly technical Life-Cycle Assessment (LCA) modeling of a product from beginning to end, tracing the environmental impacts at each stage of sourcing, production, distribution, installation, use and disposal/recycling. Energy consumption, effects on global warming, air and water quality, and other environmental impacts of the product are fully disclosed in the EPD.

Avonite Surfaces® and STUDIO Collection® have product-specific Type III EPDs, the gold standard in these reports, that are 3rd party certified to conform to ISO 14025, and based on an externally-verified LCA conforming to ISO 14044. The two brands' EPDs are LEED v4 compliant.



Private Facade Ibiza
Architect: Laurence Sonck
Fabricator: M2 IBIZA CONSTRUCT SL
Photo: Arsen Mikitov

HEALTH PRODUCT DECLARATION (HPD)

An HPD is an open standard report format created by the not-for-profit HPD Collaborative to provide comprehensive disclosure of building products' contents and their health considerations. The Health Product Declaration calls out potential health hazards of contents based on the HPD Priority Hazard List, GreenScreen List Translator and full GreenScreen assessment.

Avonite Surfaces® and STUDIO Collection® list contents down to 100 parts per million, the most detailed level of disclosure for Health Product Declarations. The brands' HPDs are LEED v4 and WELL Building Standard compliant.



DECLARE LABELS

Manufacturers obtain Declare Labels by certification from the Living Future Institute, originators of the Living Building Challenge green building standard. Declare Labels provide disclosure of product contents, where contents are sourced, any health hazards they pose and end of use options for the product. Hazards are identified by the Living Building Challenge Red List, over 800 of the most hazardous chemicals used in the building industry, EPA Chemicals of Concern and the European Union's REACH list. Declare Labels are formatted like a nutrition label for products, for ease of use. They are increasingly requested by architecture and design firms to qualify building products for inclusion in their resource libraries and for specification. Avonite Surfaces® and STUDIO Collection® are in the process of obtaining LBC Compliant Declare Labels.

RED LIST FREE

Avonite Surfaces® solid surface is Living Building Challenge Red List Free, containing none of the 800+ hazardous chemicals found in some building products.



Intercontinental Hotel
Dubai Marina
Central Bay

RECYCLED CONTENT

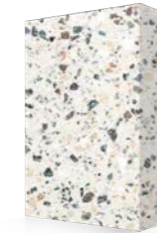
Seven STUDIO Collection® design resin colors contain an average minimum 40% pre-consumer recycled content.



Cottonwood
6600



Crushed Lava
6637 - MOQ



Kaleidoscope
8200



Palm Desert
6638 - MOQ



White Sands
6636



Back Roads
6640 - MOQ



Brown Sugar
6641 - MOQ



Three Avonite Surfaces® colors contain an average minimum 16% pre-consumer recycled content. Recycled content levels are certified by SCS Global Services, and contribute to LEED v4 credits.



Honey Crunch
4330



Khaki
4331 MOQ



Coastline
4310

CERTIFIED FOOD SAFE SURFACES

Avonite Surfaces® and STUDIO Collection® are certified Food Zone Safe by the National Sanitation Foundation (NSF). Our surfaces in every color and pattern are non-porous, bacteria-resistant, stain-resistant and easy to clean.

NSF

LOW EMISSIONS

SCS Global Services has awarded Indoor Advantage Gold certification for Avonite Surfaces® solid surface and STUDIO Collection® design resin, attesting that these products meet the highest indoor air quality standards.

Our Ultra-Bond brand adhesive is GREENGUARD Gold certified by UL Environment for low VOC emissions, compliant with LEED and the WELL Building Standard.



FABRICATION WASTE REDUCTION

Avonite Surfaces® exclusive Right Size® program significantly reduces waste during fabrication, reducing scrap sent to landfills. Virtually all other solid surface brands are limited to 30in. x 144in. industry standard size sheets. US-Manufactured Avonite Surfaces® can be manufactured in any width from 27in. to 60in. and 84in. to 204in. in length, allowing designers and fabricators to specify the most efficient sheet dimensions for projects.



GREEN BUILDING STANDARDS COMPLIANCE



EVERYDAY SUSTAINABILITY PRACTICES

At Aristech Surfaces LLC, we continually strive to improve our energy and water efficiency, landfill diversion and air quality, using performance metrics we measure and report. Recent and ongoing environmental initiatives include conversion to LED lighting at our plants and offices, proactive recycling of office and industrial materials, high-efficiency motor upgrades to machine drives, industrial water filtration and recycling systems and thermal oxidizing units with heat recovery to reduce VOC emissions.

Aristech, as a member of the U.S. Green Building Council and the American Chemistry Council's Responsible Care, pledge to improve and report our progress on the health and safety of our employees, our communities and our environment.



LEED NC v4 Credit	Avonite Surfaces® and STUDIO Collection® Compliance
MRc2, Building Product Disclosure & Optimization, Option 1 Environmental Product Declarations	EPD
MRc3, Building Product Disclosure & Optimization, Option 2 - Sourcing of Raw Materials	Avonite Surfaces® (5) Colors, 16% Recycled STUDIO Collection® (7) Colors 40% Recycled
MRc4, Building Product Disclosure & Optimization, Option 1 - Material Ingredients	HPD
EQc2, Low-Emitting Materials	SCS Indoor Advantage Gold GREENGUARD Gold (Ultra-Bond Adhesive)



WELL Building Feature	Avonite Surfaces® and STUDIO Collection® Compliance
04 VOC Reduction -Part 1. Interior Adhesives & Sealants -Part 5. Furniture & Furnishings	SCS Indoor Advantage Gold GREENGUARD Gold (Ultra-Bond Adhesive)
11 Fundamental Material Safety - Part 1, Asbestos and Lead Restrictions	Letter of Assurance
25 Toxic Material Reduction	Letter of Assurance
26 Enhanced Material Safety - Part 1 Precautionary Material Selection for 25% of Materials	Declare Label - LBC Compliant (in process)
97 Material Transparency - Part 1 Material Information for 50% of Materials	HPD



Living Building Challenge Imperative	Avonite Surfaces® and STUDIO Collection® Compliance
10 Healthy Interior Performance - CPDH Standard Method v1-2010 for VOC's	GREENGUARD Gold (Ultra-Bond Adhesive)
12 Responsible Materials	Declare Label - LBC Compliant (in process)
13 RED List	
14 Responsible Sourcing	Declare Label (in process)
15 Living Economy Sourcing	Manufacturing location must be within: 500km for 20% of Materials 1000km for 30% 5000km for 25% Anywhere for 25% Avonite Surfaces® US Manufacturing Plant - Florence, KY STUDIO Collection® US Manufacturing Plant - Belen, NM



Certified leader:

LIVING BUILDING CHALLENGE

Global Headquarters
ARISTECH SURFACES LLC
7350 Empire Drive
Florence KY 41042
USA
T 800 354 9858

European Head Office
ARISTECH SURFACES LLC
info.europe@aristechsurfaces.com

Find your closest distributor or more information on
WWW.ARISTECHSURFACES.COM/AVONITE



We Bring Excellence to the Surface™

AVONITE SURFACES, Right Size, STUDIO Collection, We Bring Excellence to the Surface™ are registered trademarks of Aristech Surfaces LLC. The information contained in this brochure is intended to be for information only and can be amended at any time without prior notification.

© 2020 Aristech Surfaces LLC. All rights reserved.

5L408317_0320

