

STUDIO Collection®

**Colourful
Ideas
Inside**

STUDIO Collection®



**The ideal
partner for
creating
decorative
colourful
spaces.**



Our translucent, customisable STUDIO Collection® panels are made with a patented composite blend. Their depth, infinite colour variations and movement are what make them unique. Aristech Surfaces LLC, an American company, has acquired outstanding skills during its 50 years of operation, which is now used to produce a reliable material suitable for all interior finishes.

Translucent

Lighting affects the feel of a room and can involve various interplays to create ambiances and emotions with great aesthetic awareness. Our panels help create harmonious settings through colourful, bold lighting effects. This makes STUDIO Collection® The ideal partner for creating decorative lighting spaces. Backlit STUDIO Collection® amplifies light distribution to form a distinctive architectural material.

Colourful

STUDIO Collection® offers a rich palette of nine standard pattern ranges.

Customisable

OUR CHROMATIX™ PROGRAMME

CHROMATIX™ allows to customise the Petals, Sea Glass and Glass ranges with any colour you wish, with a minimum order of only six sheets!



CHROMATIX™

**How does
CHROMATIX™
work?**



STEP 01 SELECT YOUR PATTERN

Select your pattern from the Petals, Sea Glass or Glass ranges.



Sea Glass range



Glass range



Petals range

STEP 02 CHOOSE YOUR COLOUR

Choose a Pantone code.

STEP 03 RECEIVE FREE SAMPLES

Receive up to two free repeat samples to help you choosing.

STUDIO Collection® IS VERSATILE WITH MANY PROCESSING FEATURES, MAKING IT A POPULAR AS A COUNTER OR PARTITION SURFACE.

Hygienic

STUDIO Collection® is non-porous and can be joined seamlessly making it easy to clean.

Thermoflexible

STUDIO Collection® sheets become supple and malleable when exposed to the heat of special furnaces. One thing is certain: with its organic shapes and rounded edges, this material's gentle curves will deliver comfort and warmth in any interior design.

Durable

STUDIO Collection® is resistant to common household products and is easy to repair, with servicing by one of our local partners. With our 15-year warranty, STUDIO Collection® will not let you down.





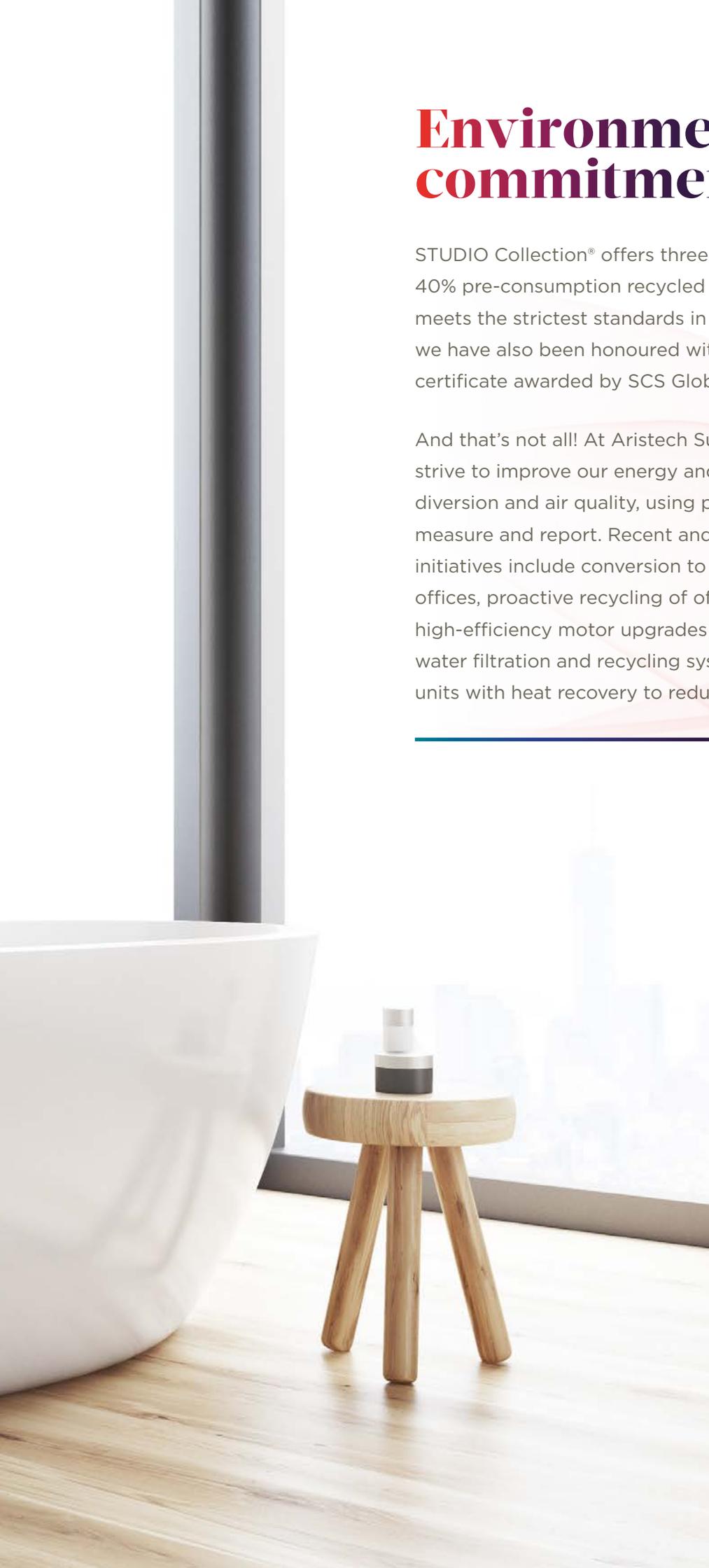
Location: Shoeless Joe's Sports Grill - Vaughan, Ontario, CANADA
Photographer: Bryan Groulx
Fabricator: Contours
Material : 8710 TEMPEST



Environmental commitment

STUDIO Collection® offers three colours with a minimum of 40% pre-consumption recycled content. Because our material meets the strictest standards in terms of indoor air quality, we have also been honoured with an Indoor Advantage Gold certificate awarded by SCS Global Services.

And that's not all! 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 oxidising units with heat recovery to reduce VOC emissions.

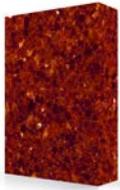


OUR STANDARD COLOURS RANGE

STUDIO Collection® features nine designer pattern ranges with a wide range of colours balanced between contrasting and plain shades, and patterns inspired by nature such as Honey Onyx and Ocean Breeze.

GROUP A

METALLIC



8320 New Caldron



8330 Cat Eye



8346 Celestial Pearl



8585 Silver Comet



8340 Tusk



8570 Copper Canyon

RECYCLED



6600 Cottonwood



6636 White Sands



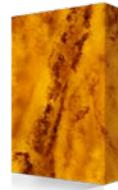
8200 Kaleidoscope

VENATO



1800 Calacatta Stone

MOVEMENT



8750 Honey Onyx

GLASS



8455 Antique Glass



8465 Sky Glass



8485 Cobalt Glass



8560 Amber Glass

CHROMATIX

CRYSTELLES



1050 Midnight Sky



8425 Cement



8575 Cozumel



8586 Luna



8587 Terra

**STUDIO Collection® IS AVAILABLE
IN THE FOLLOWING DIMENSIONS:
T 12 mm x W 914 mm x L 3 048 mm**

GROUP A²

SEA GLASS



8810 Grenadine



8840 Pure Aqua

CHROMATIX™

ELEMENT



8770 Ebony Twist



8700 Ocean Breeze



6720 Bellissimo



8760 Transcendent

GROUP B

PETALS



8608 Cirrus II



8609 Whimsy



8600 Sirocco

CHROMATIX™

The tones shown on this page may differ slightly from the actual colours. To be safe, make your choice based on samples.

D These décors are heavily pigmented colours, and are prone to show scratches, dust, haziness, and ordinary wear and tear more easily than lighter textured décors. Therefore, these décors are not recommended for use in residential and commercial applications that will be subject to heavy use, and/or, horizontal application use, and will not be covered under the STUDIO Collection® warranty in relation to claims for scratches of ordinary wear and tear.

♻️ Contains Recycled Content
Colours marked with this acronym include 40% recycled material and may therefore qualify for additional credits as part of the building's LEED accreditation.



SPECIFICATIONS

PROPERTY	UNITS	GLASS / TRANSLUCENT	RECYCLED / NON-TRANSLUCENT	TEST METHOD
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GENERAL

Nominal thickness	mm	12	12	-
Density	g/cm ³	1.30	1.60	ASTM D 792
Water absorption	%	0.04	0.05	ASTM D 570

MECHANICAL

Tensile strength	MPa	15.9	22.8	ASTM D 638
Tensile modulus	MPa	4,550	7,165	ASTM D 638
Tensile elongation	%	0.34	0.65	ASTM D 638
Flexural strength	MPa	28.3	38.4	ASTM D 790
Flexural modulus	MPa	4,515	6,730	ASTM D 790
Barcol hardness	-	48	53	ASTM D 2583
Rockwell hardness (m scale)	-	104	98	ASTM D 785
Charpy impact	J/m	26.7	37.4	ASTM D 6110
Ball impact (½ lb. ball, no failure) Supported	cm	>380	>380	NEMA LD3-3.8
Ball impact (½ lb. ball, no failure) Un-supported	cm	138	244	NEMA LD3-3.8

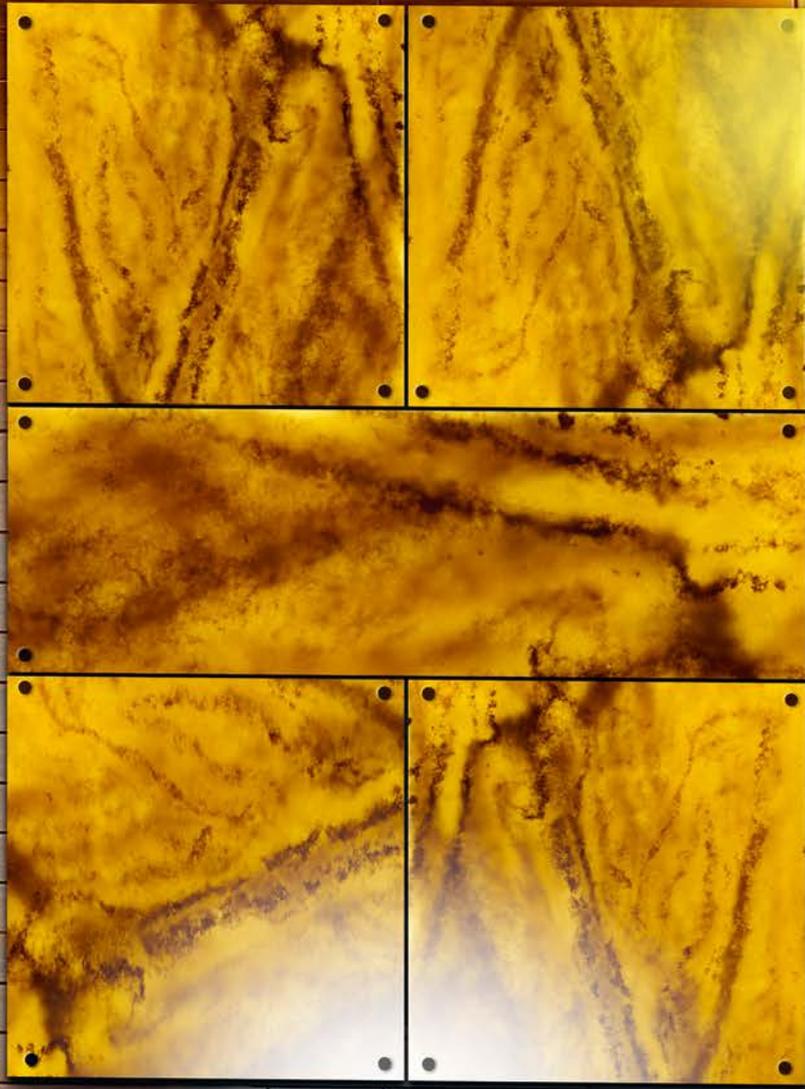
THERMAL

Dt _{ul} @ 1.82 psi	°C	72	77	ASTM D 648
Coefficient of thermal expansion	in/in/°C	5.2x10 ⁻⁵	3.8x10 ⁻⁵	ASTM D 696
Boiling water resistance	-	No effect	No effect	ISFA 2-01
High temperature resistance	-	No effect	No effect	ISFA 2-01
Flame spread index	-	180	20	ASTM E 84
Smoke generation index	-	>450*	155	ASTM E 84
Combustion toxicity	-	19.3	62.3	Pittsburg Protocol
Total Volatile Organic Compounds	µg/m ² /hr	13.9	3.9	ASTM D 5116

SURFACE

Consistency of colour (same sheet)	-	Passes	Passes	ISFA 2-01
Light resistance	-	No effect	No effect	ISFA 2-01
Cleanability/ Stain resistance	-	Passes	Passes	NEMA LD3-3.4
Stain resistance	-	Passes	Passes	ANZI/ICPA SS-1
Bacterial resistance	-	No growth	No growth	ASTM G 22
Fungi resistance	-	No growth	No growth	ASTM G 21
Food zone use	-	Approved	Approved	NSF 51

*Accepted as having interior finish usage, Class C, per New York City Admin Code 27-131; MEA 142-M. Test on file.



European Head Office

ARISTECH SURFACES LLC

Unit 301 Clerkenwell Workshops,
27/31 Clerkenwell Close,
Farringdon, EC1R 0AT, London, UK
T +44.208.065.5405
Toll Free (France, Germany and UK Only): 00800.5263.5263
info.europe@aristechsurfaces.com

Global Headquarters

ARISTECH SURFACES LLC

7350 Empire Drive
Florence KY 41042
USA
T +1.800.354.9858

Find your closest distributor on

WWW.ARISTECHSURFACES.COM/STUDIOCOLLECTION



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