

MARCH 2021
VERSION 4.0

AVONITE® ACRYLIC SURFACES USER MANUAL



BRIEF NEWS

NEW AVONITE® LOOK BOOK

THE AVONITE® Look Book is out! This book gathers 36 of the most eye-catching projects, from all over the world, spread over 12 market segments. It is developed in pdf and in English. Should you wish to be part of the next edition, please contact Anne Sikias at asikias@aristechsurfaces.com.

EXPRESS 30 REDUCED TO EXPRESS 20

To improve our customer service level and to give a better highlight on specific colours, the Express collection becomes now 20 items; the adhesives are excluded from the offer. The selected colours are: Snowfall, Polaris, Super White, Harland, Ivory, Bone, Kokoura, Artica, Sandstorm, Moon Cristal, Altitude, Summit, New Concrete, Stormy Gray, Star Shine, Eclipse, Mango, Azul, Cloud, Fuego.

DISCONTINUED FORMATS

The following formats are no longer available from our European warehouse:

In Snowfall:

3 x W. 762 x L. 3 658 mm;

3 x W. 1 372 x L. 3 048 mm;

6 x W. 1 372 x L. 3 048 mm;

12 x W. 1 372 x L. 3 048 mm;

12 x W. 1 524 x L. 3 048 mm.

These formats can still be ordered with a minimum order quantity from our plant in KY.

ADHESIVE WARRANTY

The adhesives' shelf-life has been changed to 18 months.

SUSTAINABILITY CERTIFICATES RENEWAL

- An updated REACH letter is now available in the Aristech Dropbox, in the section: [Certificates/REACH](#).
- The 2021 certificate for the classification of AVONITE® into "Indoor Advantage Gold" has been saved into the Aristech Dropbox in the section: [Certificates/Environment/Indoor Advantage Gold](#).
- The 2021 certificate from SCS Global Services, to attest from the recycled content from some of our colours has been saved in the Aristech Dropbox, in the section: [Certificate/Environment/SCS Recycled Content](#).

NEW AVONITE® FABRICATION MANUAL

We are glad to share with you the new AVONITE® Fabrication Manual. The content remains the same, but the layout has been refreshed and we added a translation to Italian. This new version of the manual is available for download in the Aristech Dropbox, in the section:

[Technique & After-Sales/Fabrication Manuals/Avonite](#)

FABRICATION SUPPORT MATERIAL – PRICE UPDATE

To consult the updated price list of fabrication support material (manual mixing guns, sanding equipment), please refer to page 6 of this manual.

NEW MONTHLY 'FAB' WEDNESDAY SERIES!

Join us for a LIVE demonstration of recommended tools and equipment, safety methods and reminders every third Wednesday of the month, 4pm UK time, 5pm CET, with Aaron Davis Technical Service Representative at Aristech Surfaces. With Over 20 years' experience fabricating multiple surfacing materials, Aaron has trained teams worldwide on the latest fabrication techniques and methods. This webinar is open to anyone. Registration is required. If you are not available at that time, feel free to register and to view the workshop later as all webinars are recorded.

Please contact Anne Sikias at asikias@aristechsurfaces.com for further details.

Next dates:

- 17th March 2021,
 - 21st April 2021,
 - 19th May
-

CONTENT

INTRODUCTION	5	WARRANTIES	30
ORDERING PROCESS	6	15-Year Limited Warranty Commercial and Residential Interior Applications . . .	30
ORDERING FROM EUROPE	7	ADVANC3® Ten-Year Limited Warranty	32
Standard Order Possibilities from EU Warehouse and Adhesive Matching	7	Limited Warranty Commercial and Residential Exterior Applications . . .	34
Fabrication Support Material	11	Adhesive Warranty	35
ORDERING FROM THE USA	12	Warranty Claims Processing	35
RIGHT SIZE Programme Instructions	12	TERMS OF PAYMENT	36
Stock and Right Size Order Possibilities – 12 mm . . .	13	TERMS OF TRANSPORT	37
Extra Stock Order Possibilities from USA – 6 mm . . .	14	ARISTECH SURFACES LLC	
Extra Stock Order Possibilities from USA – 3 mm . . .	14	TERMS AND CONDITIONS OF SALES	38
Custom Dimensions	15	CONTACT US	41
Custom Dimensions – Minimum Order Quantities	16		
Custom Colour Development	20		
Custom Colours Request Form	21		
Sample Price List	22		
COLOURS SPECIFICATIONS	23		
Light Reflectance Values	23		
RAL® and Pantone® Reference AVONITE® Matching Scale	24		
LOGISTICS	25		
Sheet Quantities per Pallet	25		
Rainbow Pallets	25		
QUALITY SPECIFICATIONS	26		
Dimensions Tolerances	26		
Surface Defects	26		
Colour Match	28		
Warping	29		
Breakage	29		
Protective Film	29		
Adhesives	29		

INTRODUCTION

THE AVONITE® USER MANUAL AIMS TO GATHER THE MOST IMPORTANT INFORMATION ABOUT OUR PRODUCTS. THIS MANUAL IS MEANT TO BE USED AS THE PRIMARY REFERENCE DOCUMENT WHERE ALL IMPORTANT INFORMATION IS GATHERED IN ORDER TO EASE THE ORDER PROCESS.

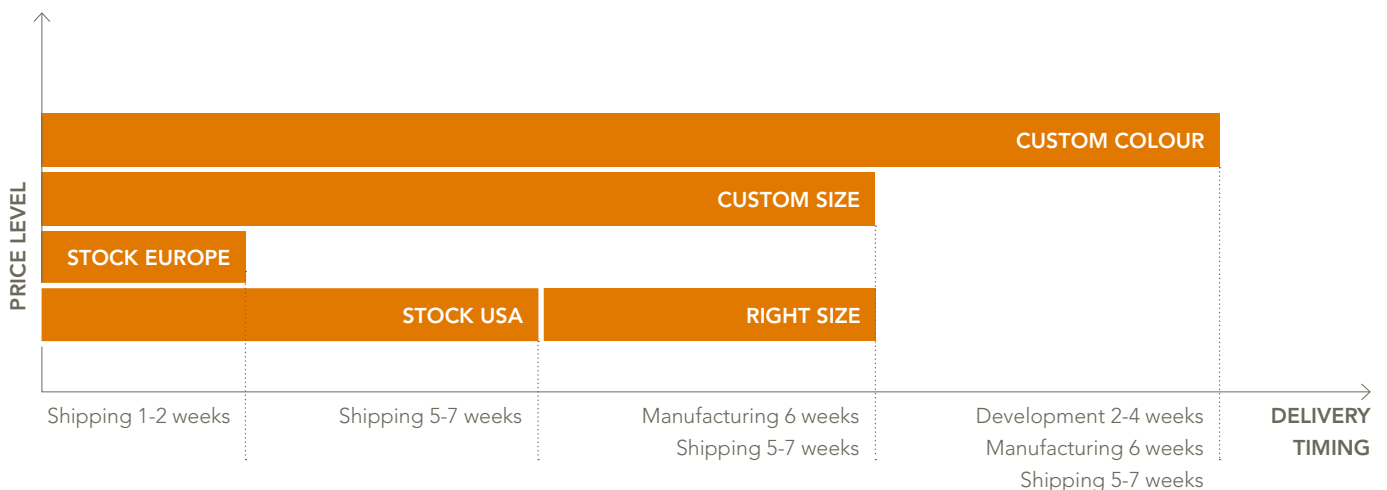
Depending on what you need, Aristech Surfaces LLC offers four different processes to order AVONITE®.

The stock from Europe offers the advantage of proximity with short delivery timing and a limited minimum order quantity.

With a longer delivery time window, the stock from the USA offers a slightly wider diversity of product with a more competitive price, than when you buy your product from the European stock.

With the **RIGHT SIZE** Programme, you can get special dimensioned product for exactly the same price per sqm as a stock item in 18 different dimensions for 12 mm thicknesses. For these, a minimum order quantity is required as we still need the time to produce the sheets.

And finally, for all the items that are not part of the **RIGHT SIZE** Programme, typically 3, 6 and 9 mm or more exotic dimensions, you would have to go through the **CUSTOM SIZE** Programme.



ORDERING PROCESS

THE PURCHASE ORDER IS A WRITTEN COMMERCIAL DOCUMENT ISSUED BY THE BUYER TO THE SELLER, COMPRISING OF CONTAINING TYPES, PRICES, QUANTITY, QUALITY AND TERMS OF THE GOODS TO BE DELIVERED.

ON THE OTHER HAND, THE SALES ORDER IS A CONFIRMATION DOCUMENT PREPARED BY THE SELLER AND SENT TO CUSTOMERS BEFORE THE DELIVERY OF SPECIFIED GOODS, AT THE CUSTOMER'S PLACE.

THE PROCESS

- 1 The buyer sends his Purchase Order to csorders@aristechsurfaces.com. No Sales Order will be sent back without a Purchase Order.
- 2 As soon as the Purchase Order is saved into Aristech Surfaces' system, the buyer receives an automatic confirmation of the Sales Order.
- 3 From the moment where the Purchase Order is placed, it can still be amended during:
 - a the next **24 HOURS** for a picking from Aristech Surfaces' European warehouse,
 - b the next **48 HOURS** for a picking from the USA.
No change is possible after these delays.

HOW TO WRITE A PURCHASE ORDER?

PURCHASE ORDERS MUST INCLUDE ALL THE FOLLOWING INFORMATION:

- ① **Date of the Purchase Order**
- ② **Purchase order number**
i.e. Your internal order number.
- ③ **"Ship to" address**
The "Ship to" address must include the company name, address and a contact name and phone number for the delivery.
- ④ **"Sold to" address**
The "Sold to" address must include the distributor's name and address.
- ⑤ **Product Information**
 - a Colour name, colour reference and dimensions of the Sheets
 - b Colour name and colour reference of the Adhesives
Please refer to p. 7-10 of this User Manual for a and b.
 - c Type Reference and colour name of the Shaped Acrylic Elements
Please refer to the Shaped Acrylic Elements User Manual p. 4-13, for c.
- ⑥ **Product Quantities**
- ⑦ **Prices per sheet in \$**
Please refer to the price list aligned with your Aristech Surfaces sales manager.
- ⑧ **Prices per adhesive's cartridge in \$**
Please refer to p.11 of this User Manual.



ORDERING FROM EUROPE

STANDARD ORDER POSSIBILITIES FROM EU WAREHOUSE AND ADHESIVE MATCHING

20 AVONITE® SKUs identified with a E20 sign in our colour list, are guaranteed delivered in 5 to 8 working days from our European Warehouse to European countries*.

*Up to 3 pallets per colour. Details on transport conditions are available in the section TERMS OF TRANSPORT p. 37

	COLOUR REF.	COLOUR NAME	ADHESIVE NAME	ADHESIVE REF.	
				250 ML CART.	50 ML CART.
DIMENSIONS: 6 x W. 762 x L. 3 658 mm					
GROUP 0	8090	Snowfall	Glacier White	SM6001	SM6001X
DIMENSIONS: 9 x W. 762 x L. 3 658 mm					
GROUP 0	8090	Snowfall	Glacier White	SM6001	SM6001X
DIMENSIONS: 12 x W. 762 x L. 3 658 mm E20					
12 x W. 914 x L. 3 658 mm NEW					
12 x W. 1372 x L. 3 658 mm E20					
12 x W. 1524 x L. 3 658 mm					
GROUP 0	8090	Snowfall	Glacier White	SM6001	SM6001X
DIMENSIONS: 12 x W. 1372 x L. 3 658 mm					
GROUP 1	8256	Polaris	Glacier White	SM6001	SM6001X
DIMENSIONS: 12 x W. 762 x L. 3 658 mm					
GROUP 1	E20 8010	Bone	Blond	SM6020	SM6020X
	E20 8024	Crème	Fog	SM6004	SM6004X
	8106	Ivory	Cameo	SM6007	SM6007X
	E20 8256	Polaris	Glacier White	SM6001	SM6001X
	E20 8066	Porcelain	Porcelain	SM6010	SM6010X
	E20 8026	Super White	Glacier White	SM6001	SM6001X
	E20 8016	White	Glacier White	SM6001	SM6001X

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	COLOUR REF.	COLOUR NAME	ADHESIVE NAME	ADHESIVE REF.	
				250 ML CART.	50 ML CART.
DIMENSIONS: 12 x W. 762 x L. 3 658 mm					
GROUP 2	8258	Antique Blue	Antique Blue	SM6027	SM6027X
	8284	Azul [Ⓟ]	Azul	SM6026	SM6026X
	E20 8272	Café au Lait [Ⓟ]	Beach	SM6008	SM6008X
	E20 8292	Cloud	Antique	SM6009	SM6009X
	E20 8231	Dove Grey	Gray	SM6022	SM6022X
	E20 8248	Fuego [Ⓟ]	Fuego	SM6023	SM6023X
	E20 8268	Mango [Ⓟ]	Mango	SM6025	SM6025X
	E20 8280	Smoke [Ⓟ]	Pewter	SM6016	SM6016X
DIMENSIONS: 12 x W. 1 372 x L. 3 658 mm (except Eclipse: 12 x W. 762 x L. 3 658 mm)					
GROUP 3	E20 8240	Eclipse [Ⓟ]	Clear	SM6006	SM6006X
	E20 8298	Ice Blue	Misty	SM6015	SM6015X
	E20 8064	Ice White	Natural	SM6005	SM6005X
DIMENSIONS: 12 x W. 762 x L. 3 658 mm					
GROUP 4	E20 8206	Alpine Shimmer	Fog	SM6004	SM6004X
	7830	Bronze [Ⓟ]	Pudding	SM6017	SM6017X
	E20 7856	Dove Shimmer	Stone	SM6019	SM6019X
	7817	Harland	Cameo	SM6007	SM6007X
	7749	Mellow	Cameo	SM6007	SM6007X
	9024	Night Shadow [Ⓟ]	Clear	SM6006	SM6006X
	E20 7820	Star Shine [Ⓟ]	Carbon	SM6012	SM6012X

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*Up to 3 pallets per colour. Details on transport conditions are available in the section TERMS OF TRANSPORT p. 37

COLOUR REF.	COLOUR NAME	ADHESIVE NAME	ADHESIVE REF.	
			250 ML CART.	50 ML CART.

DIMENSIONS: 12 x W. 762 x L. 3 658 mm

GROUP 5

4312	Alaskan Stone	Glacier White	SM6001	SM6001X
E20 9015	Artica	Fog	SM6004	SM6004X
9012	Aspen	Fog	SM6004	SM6004X
4310	Coastline 	Cameo	SM6007	SM6007X
E20 7790	Galactic Ice	Glacier White	SM6001	SM6001X
9037	High Desert	Natural	SM6005	SM6005X
7849	Industrial 	Deep Cloud	SM6028	SM6028X
E20 9117	Kokoura	Glacier White	SM6001	SM6001X
7810	Malt	Natural	SM6005	SM6005X
E20 7842	New Concrete	Putty	SM6018	SM6018X
E20 9119	Nordic	Fog	SM6004	SM6004X
9173	Riverside	Design	SM6003	SM6003X
E20 9036	Sandstorm	Beach	SM6008	SM6008X
9017	Savor	Cameo	SM6007	SM6007X
7848	Snow Mist	Antique	SM6009	SM6009X
7738	Storm	Putty	SM6018	SM6018X
E20 9010	Stormy Gray	Stone	SM6019	SM6019X
7857	Vintage Concrete 	Putty	SM6018	SM6018X

ORDERING FROM EUROPE

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*Up to 3 pallets per colour. Details on transport conditions are available in the section TERMS OF TRANSPORT p. 37

	COLOUR REF.	COLOUR NAME	ADHESIVE NAME	ADHESIVE REF.	
				250 ML CART.	50 ML CART.
DIMENSIONS: 12 x W. 762 x L. 3 658 mm					
GROUP 6	7502	Avalanche	Cameo	SM6007	SM6007X
	9125	Black Coral 	Clear	SM6006	SM6006X
	9137	Casablanca	Beach	SM6008	SM6008X
	7746	Cloud Burst	Pewter	SM6016	SM6016X
	7724	Creek Rock	Stone	SM6019	SM6019X
	7735	Dark Roast 	Pudding	SM6017	SM6017X
	7710	Gulf Coast	Stone	SM6019	SM6019X
	4330	Honey Crunch 	Fog	SM6004	SM6004X
	7501	Moon Crystal	Fog	SM6004	SM6004X
	7503	Morning Tundra	Dune	SM6013	SM6013X
	9144	Palermo	Dune	SM6013	SM6013X
	7728	Relic	Cameo	SM6007	SM6007X
	7506	River's Edge	Mesa	SM6014	SM6014X
	7509	Seaside	Antique	SM6009	SM6009X
	7747	Stony Peak	Natural	SM6005	SM6005X
DIMENSIONS: 12 x W. 914 x L. 3 658 mm					
GROUP 7	 8901	Altitude	Design	SM6003	SM6003X
	8908	Calm	Glacier White	SM6001	SM6001X
	 8904	Morning Mist	Antique	SM6009	SM6009X
	 8905	Summit	Design	SM6003	SM6003X
	 8903	Torrent	Blond	SM6020	SM6020X
	8909	Unwind	Glacier White	SM6001	SM6001X

ORDERING FROM EUROPE

FABRICATION SUPPORT MATERIAL



MANUAL MIXING GUN

SM4160-00



AVONITE® THERMO-FLOW TAPE

SM4065-00

Insulates from excessive heat in cook top cut outs.
One roll of tape contains 16.46 m.



STEP 1



STEP 2

AVONITE® DRY-CUT FINISHING SYSTEM

Polishing system
STEP 1: Brown bar. **SM4036-A**
STEP 2: Blue stick. **SM4036-B**



SOLID SURFACE ADHESIVE MIXING TIPS (50 ml)

SM4170-01



SUPERBUFF POLISHING PAD (YELLOW)

SM4046-00

Polishing Pad used with Finishing Material



SUPERBUFF 2 + 2 PAD (WHITE)

SM4045-00

Polishing Pad used with Marine Paste compound and AVONITE® Dry-Cut Finishing System

ITEM NUMBER	DESCRIPTION	PACKAGING	PRICE PER UNIT
	Solid Surfaces Adhesive Cartridges – 250 ml ^A 2 mixing tips are provided with each 250 ml glue cartridge	12 per box ^B	\$ 14.88
	Solid Surfaces Adhesive Cartridges – 50 ml ^A 1 mixing tips is provided with each 50 ml glue cartridge	24 per box ^B	\$ 5.36
SM4162-01	Solid Surface Adhesive Mixing Tips – 250 ml	100 per box	\$ 0.66
SM4170-01	Solid Surface Adhesive Mixing Tips – 50 ml	100 per box	\$ 0.48
SM4160-00	Manual Mixing Gun for 250 ml cartridge	1/each	\$ 95
SM4170-00	Manual Mixing Gun for 50 ml cartridge	1/each	\$ 17.26
SM4065-00	AVONITE® Thermo-Flow Tape	16.46 m/roll	\$ 74
SM4036-A	AVONITE® Dry-Cut Finishing System – Step 1 Brown Bar	10 per case	\$ 42
SM4036-B	AVONITE® Dry-Cut Finishing System – Step 2 Blue Stick	5 per case	\$ 52
SM4045-00	Superbuff 2 + 2 Pad (White)	24 per case	\$ 14.37
SM4046-00	Superbuff Polishing Pad (Yellow)	24 per case	\$ 49

^A Please see the adhesive colour chart p. 7-10 to know the colour matching adhesive name and reference.

^B No minimum order quantity required.

ORDERING FROM THE USA

RIGHT SIZE PROGRAMME INSTRUCTIONS



The **RIGHT SIZE** Matrices are designed to provide a quick reference for AVONITE®'s **RIGHT SIZE** Programme capabilities. This programme applies to AVONITE® stock colours only.

8064 Ice White, 8298 Ice Blue, 8901 Altitude, 8903 Torrent, 8904 Morning Mist, 8905 Summit, 8908 Calm and 8909 Unwind are not included in the programme.

The **RIGHT SIZE** Matrices identify the **minimum number of sheets required** to place an order at the width and length selected.

OUR 18 STANDARD FORMATS

AVONITE®'s **RIGHT SIZE** Programme refers to 18 formats of sheets **WITH NO SURCHARGES PER M²**.

- Thickness: 12 mm.
- Lengths: 2438 mm | 3048 mm | 3658 mm.
- Widths: 762 mm | 914 mm | 1067 mm | 1219 mm | 1372 mm | 1524 mm.

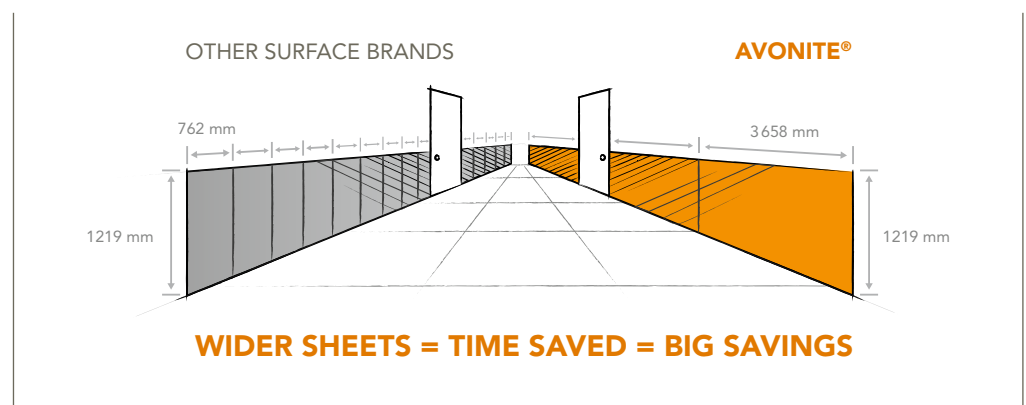
This means the **RIGHT SIZE** sheet sizes shown in the charts will be available **without an upcharge in the per square meter price**. Other sizes not shown on the charts will be available and quoted on request for an additional per square meter upcharge.

Notes:

These matrices are for **estimation purposes** only. Exact quantities will be given in an order acknowledgment upon receipt of Purchase Order.

Order lead times are typically 5-7 weeks depending on product and production schedule.

Always confirm with website version or obtain actual quote before quoting customer.



STOCK AND RIGHT SIZE ORDER POSSIBILITIES – 12 MM

GROUP	REF	COLOUR NAME	DIMENSIONS IN MM																					
			762			914			1067			1219			1372			1524						
			2438	3048	3658	2438	3048	3658	2438	3048	3658	2438	3048	3658	2438	3048	3658	2438	3048	3658				
GROUP 0	8090	Snowfall	97	78	On-Stock	81	65	On-Stock	69	55	46	61	49	40	54	43	On-Stock	48	39	On-Stock				
	8010	Bone	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	On-Stock				
	8024	Crème	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	32				
	8106	Ivory	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	On-Stock				
	8256	Polaris	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	On-Stock	48	39	On-Stock				
	8066	Porcelain	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	On-Stock				
	8026	Super White	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	On-Stock				
	8016	White	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	On-Stock				
	8258	Antique Blue	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	32				
	8284	Azul	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	32				
GROUP 2	8272	Café au Lait	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	32				
	8292	Cloud	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	32				
	8231	Dove Grey	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	32				
	8248	Fuego	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	32				
	8268	Mango	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	32				
	8280	Smoke	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	32				
	8240	Eclipse	97	78	On-Stock	81	65	54	69	55	46	61	49	40	54	43	36	48	39	32				
	GROUP 3	8298	Ice Blue	N/A															On-Stock			N/A		
		8064	Ice White	N/A															On-Stock			N/A		
	GROUP 4	8206	Alpine Shimmer	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16			
7830		Bronze	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
7856		Dove Shimmer	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
7817		Harland	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
7749		Mellow	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
9024		Night Shadow	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
7820		Star Shine	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
4312		Alaskan Stone	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
9015		Artica	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
9012		Aspen	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
GROUP 5	4310	Coastline	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7790	Galactic Ice	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	9037	High Desert	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7849	Industrial	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	9117	Kokoura	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7810	Malt	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7842	New Concrete	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	9119	Nordic	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	9173	Riverside	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	9036	Sandstorm	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
GROUP 6	9017	Savor	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7848	Snow Mist	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7738	Storm	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	9010	Stormy Gray	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7857	Vintage Concrete	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7502	Avalanche	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	9125	Black Coral	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	9137	Casablanca	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7746	Cloud Burst	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7724	Creek Rock	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
GROUP 7	7735	Dark Roast	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7710	Gulf Coast	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	4330	Honey Crunch	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7501	Moon Crystal	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7503	Morning Tundra	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	9144	Palermo	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7728	Relic	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7506	River's Edge	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7509	Seaside	145/48	116/38	On-Stock	121/40	97/32	81/26	104/34	83/27	69/23	91/30	73/30	60/20	81/26	64/21	54/18	73/24	58/19	48/16				
	7747	Stony Peak																						

ORDERING FROM THE USA

EXTRA STOCK ORDER POSSIBILITIES FROM USA – 6 mm

DIMENSIONS: 6 x W. 914 x L. 2438 mm
6 x W. 1219 x L. 2438 mm
6 x W. 1524 x L. 2438 mm

PRICE GROUP	COLOUR REF.	COLOUR NAME
GROUP 0	8090	Snowfall
GROUP 1	8010	Bone
GROUP 1	8256	Polaris
GROUP 1	8026	Super White
GROUP 1	8016	White
GROUP 1	8106	Ivory
GROUP 5	9117	Kokoura
GROUP 5	7810	Malt
GROUP 5	9036	Sandstorm

DIMENSIONS: 6 x W. 762 x L. 3658 mm

PRICE GROUP	COLOUR REF.	COLOUR NAME
GROUP 0	8090	Snowfall

EXTRA STOCK ORDER POSSIBILITIES FROM USA – 3 mm

ADVANCE[®]

DIMENSIONS: 3 x W. 762 x L. 3658 mm

PRICE GROUP	COLOUR REF.	COLOUR NAME
GROUP 1	8026	Super White
GROUP 1	8017	White

ORDERING FROM THE USA

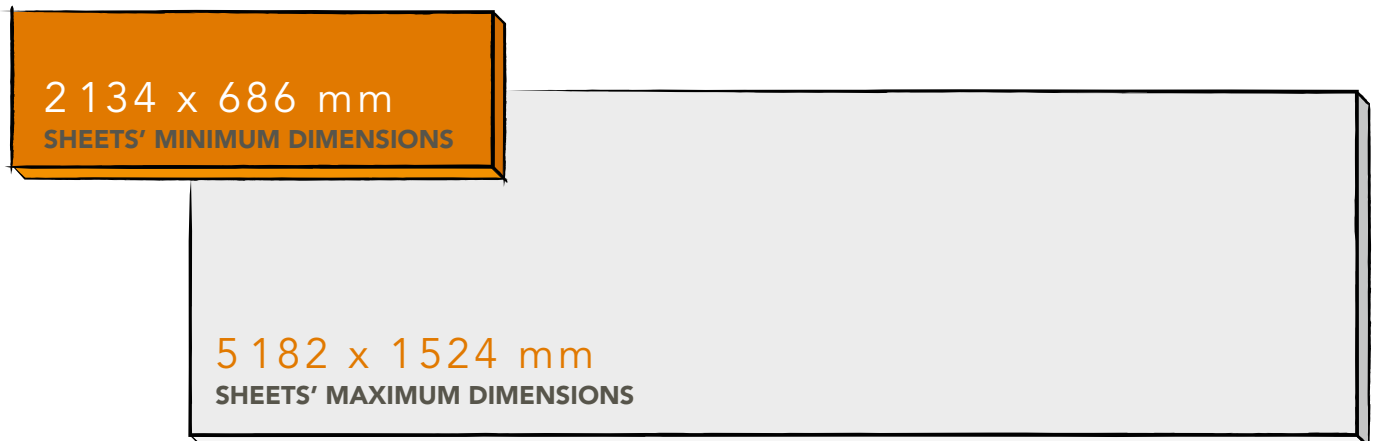
CUSTOM DIMENSIONS

Widths, lengths and thicknesses which are not part of the **RIGHT SIZE** Programme can be quoted with an additional per square meter upcharge. Before ordering, please keep in mind that the given minimum order quantity may vary from +/-10%.

A colour might not be available in a specific thickness due to its formulation. To know more about this, send your request to your sales manager and we will come back to you shortly.

Most frequent requested thicknesses:

3 mm
6 mm
9 mm
12 mm
19 mm



**if ordered before the 20th of the month. Production the month after.*

CUSTOM DIMENSIONS – MINIMUM ORDER QUANTITIES

3 mm Solid Colours

		LENGTH IN MM																				
		2134	2286	2438	2591	2743	2896	3048	3200	3353	3505	3658	3810	3962	4115	4267	4420	4572	4724	4877	5029	5182
WIDTH IN MM	762	686	640	600	565	533	505	480	457	436	417	400	384	369	356	343	331	320	310	300	291	282
	813	643	600	563	529	500	474	450	429	409	391	375	360	346	333	321	310	300	290	281	273	265
	864	605	565	529	498	471	446	424	403	385	368	353	339	326	314	303	292	282	273	265	257	249
	914	571	533	500	471	444	421	400	381	364	348	333	320	308	296	286	276	267	258	250	242	235
	965	541	505	474	446	421	399	379	361	344	330	316	303	291	281	271	261	253	244	237	230	223
	1016	514	480	450	424	400	379	360	343	327	313	300	288	277	267	257	248	240	232	225	218	212
	1067	490	457	429	403	381	361	343	327	312	298	286	274	264	254	245	236	229	221	214	208	202
	1118	468	436	409	385	364	344	327	312	298	285	273	262	252	242	234	226	218	211	205	198	193
	1168	447	417	391	368	348	330	313	298	285	272	261	250	241	232	224	216	209	202	196	190	184
	1219	429	400	375	353	333	316	300	286	273	261	250	240	231	222	214	207	200	194	188	182	176
	1270	411	384	360	339	320	303	288	274	262	250	240	230	222	213	206	199	192	186	180	175	169
	1321	396	369	346	326	308	291	277	264	252	241	231	222	213	205	198	191	185	179	173	168	163
	1372	381	356	333	314	296	281	267	254	242	232	222	213	205	198	190	184	178	172	167	162	157
	1422	367	343	321	303	286	271	257	245	234	224	214	206	198	190	184	177	171	166	161	156	151
	1473	355	331	310	292	276	261	248	236	226	216	207	199	191	184	177	171	166	160	155	150	146
	1524	343	320	300	282	267	253	240	229	218	209	200	192	185	178	171	166	160	155	150	145	141

Notes:

1. Solid colours additional sheets are the same minimum order quantity as initial order
2. Sheet weight not to exceed 170 kg
3. Additional sheets required not meeting the second batch minimum order quantity will need to be supplemented by standard stock material

CUSTOM DIMENSIONS – MINIMUM ORDER QUANTITIES

6 mm Solid Colours

		LENGTH IN MM																				
		2134	2286	2438	2591	2743	2896	3048	3200	3353	3505	3658	3810	3962	4115	4267	4420	4572	4724	4877	5029	5182
WIDTH IN MM	762	209	195	183	172	162	154	146	139	133	127	122	117	112	108	104	101	97	94	91	88	86
	813	196	183	171	161	152	144	137	130	124	119	114	110	105	101	98	94	91	88	86	83	81
	864	184	172	161	152	143	136	129	123	117	112	107	103	99	95	92	89	86	83	81	78	76
	914	174	162	152	143	135	128	122	116	111	106	101	97	94	90	87	84	81	78	76	74	72
	965	165	154	144	136	128	121	115	110	105	100	96	92	89	85	82	79	77	74	72	70	68
	1016	156	146	137	129	122	115	110	104	100	95	91	88	84	81	78	76	73	71	68	66	64
	1067	149	139	130	123	116	110	104	99	95	91	87	83	80	77	74	72	70	67	65	63	61
	1118	142	133	124	117	111	105	100	95	90	87	83	80	77	74	71	69	66	64	62	60	59
	1168	136	127	119	112	106	100	95	91	87	83	79	76	73	71	68	66	63	61	60	58	56
	1219	130	122	114	107	101	96	91	87	83	79	76	73	70	68	65	63	61	59	57	55	54
	1270	125	117	110	103	97	92	88	83	80	76	73	70	67	65	63	60	58	57	55	53	52
	1321	120	112	105	99	94	89	84	80	77	73	70	67	65	62	60	58	56	54	53	51	50
	1372	116	108	101	95	90	85	81	77	74	71	68	65	62	60	58	56	54	52	51	49	48
	1422	112	104	98	92	87	82	78	74	71	68	65	63	60	58	56	54	52	50	49	47	46
	1473	108	101	94	89	84	79	76	72	69	66	63	60	58	56	54	52	50	49	47	46	44
	1524	104	97	91	86	81	77	73	70	66	63	61	58	56	54	52	50	49	47	46	44	43

6 mm Chip-Filled Colours

		LENGTH IN MM																				
		2134	2286	2438	2591	2743	2896	3048	3200	3353	3505	3658	3810	3962	4115	4267	4420	4572	4724	4877	5029	5182
WIDTH IN MM	762	286	267	250	235	222	211	200	190	182	174	167	160	154	148	143	138	133	129	125	121	118
	813	268	250	234	221	208	197	188	179	170	163	156	150	144	139	134	129	125	121	117	114	110
	864	252	235	221	208	196	186	176	168	160	153	147	141	136	131	126	122	118	114	110	107	104
	914	238	222	208	196	185	175	167	159	152	145	139	133	128	123	119	115	111	108	104	101	98
	965	226	211	197	186	175	166	158	150	144	137	132	126	121	117	113	109	105	102	99	96	93
	1016	214	200	188	176	167	158	150	143	136	130	125	120	115	111	107	103	100	97	94	91	88
	1067	204	190	179	168	159	150	143	136	130	124	119	114	110	106	102	99	95	92	89	87	84
	1118	195	182	170	160	152	144	136	130	124	119	114	109	105	101	97	94	91	88	85	83	80
	1168	186	174	163	153	145	137	130	124	119	113	109	104	100	97	93	90	87	84	82	79	77
	1219	179	167	156	147	139	132	125	119	114	109	104	100	96	93	89	86	83	81	78	76	74
	1270	171	160	150	141	133	126	120	114	109	104	100	96	92	89	86	83	80	77	75	73	71
	1321	165	154	144	136	128	121	115	110	105	100	96	92	89	85	82	80	77	74	72	70	68
	1372	159	148	139	131	123	117	111	106	101	97	93	89	85	82	79	77	74	72	69	67	65
	1422	153	143	134	126	119	113	107	102	97	93	89	86	82	79	77	74	71	69	67	65	63
	1473	148	138	129	122	115	109	103	99	94	90	86	83	80	77	74	71	69	67	65	63	61
	1524	143	133	125	118	111	105	100	95	91	87	83	80	77	74	71	69	67	65	63	61	59

Notes:

1. Solid colours additional sheets are the same minimum order quantity as initial order
2. Sheet weight not to exceed 170 kg
3. Additional sheets required not meeting the second batch minimum order quantity will need to be supplemented by standard stock material

CUSTOM DIMENSIONS – MINIMUM ORDER QUANTITIES

9 mm Solid Colours

		LENGTH IN MM																				
		2134	2286	2438	2591	2743	2896	3048	3200	3353	3505	3658	3810	3962	4115	4267	4420	4572	4724	4877	5029	5182
WIDTH IN MM	762	148	138	129	122	115	109	103	99	94	90	86	83	80	77	74	71	69	67	65	63	61
	813	139	129	121	114	108	102	97	92	88	84	81	78	75	72	69	67	65	63	61	59	57
	864	130	122	114	107	101	96	91	87	83	79	76	73	70	68	65	63	61	59	57	55	54
	914	123	115	108	101	96	91	86	82	78	75	72	69	66	64	62	59	57	56	54	52	51
	965	117	109	102	96	91	86	82	78	74	71	68	65	63	61	58	56	54	53	51	50	48
	1016	111	103	97	91	86	82	78	74	71	67	65	62	60	57	55	54	52	50	49	47	46
	1067	106	99	92	87	82	78	74	70	67	64	62	59	57	55	53	51	49	48	46	45	43
	1118	101	94	88	83	78	74	71	67	64	61	59	56	54	52	50	49	47	46	44	43	42
	1168	96	90	84	79	75	71	67	64	61	59	56	54	52	50	48	47	45	44	42	41	40
	1219	92	86	81	76	72	68	65	62	59	56	54	52	50	48	46	45	43	42	40	39	38
	1270	89	83	78	73	69	65	62	59	56	54	52	50	48	46	44	43	41	40	39	38	37
	1321	85	80	75	70	66	63	60	57	54	52	50	48	46	44	43	41	40	39	37	36	35
	1372	82	77	72	68	64	61	57	55	52	50	48	46	44	43	41	40	38	37	36	35	34
	1422	79	74	69	65	62	58	55	53	50	48	46	44	43	41	40	38	37	36	35	34	33
	1473	76	71	67	63	59	56	54	51	49	47	45	43	41	40	38	37	36	35	33	32	31
	1524	74	69	65	61	57	54	52	49	47	45	43	41	40	38	37	36	34	33	32	31	30

9 mm Chip-Filled Colours

		LENGTH IN MM																				
		2134	2286	2438	2591	2743	2896	3048	3200	3353	3505	3658	3810	3962	4115	4267	4420	4572	4724	4877	5029	5182
WIDTH IN MM	762	221	206	193	182	172	163	155	147	141	135	129	124	119	115	110	107	103	100	97	94	91
	813	207	193	181	171	161	153	145	138	132	126	121	116	112	107	104	100	97	94	91	88	85
	864	195	182	171	161	152	144	136	130	124	119	114	109	105	101	97	94	91	88	85	83	80
	914	184	172	161	152	143	136	129	123	117	112	107	103	99	95	92	89	86	83	81	78	76
	965	174	163	153	144	136	129	122	116	111	106	102	98	94	90	87	84	81	79	76	74	72
	1016	166	155	145	136	129	122	116	110	105	101	97	93	89	86	83	80	77	75	73	70	68
	1067	158	147	138	130	123	116	110	105	100	96	92	88	85	82	79	76	74	71	69	67	65
	1118	151	141	132	124	117	111	105	100	96	92	88	84	81	78	75	73	70	68	66	64	62
	1168	144	135	126	119	112	106	101	96	92	88	84	81	78	75	72	70	67	65	63	61	59
	1219	138	129	121	114	107	102	97	92	88	84	81	77	74	72	69	67	64	62	60	59	57
	1270	133	124	116	109	103	98	93	88	84	81	77	74	71	69	66	64	62	60	58	56	55
	1321	127	119	112	105	99	94	89	85	81	78	74	71	69	66	64	62	59	58	56	54	52
	1372	123	115	107	101	95	90	86	82	78	75	72	69	66	64	61	59	57	55	54	52	51
	1422	118	110	104	97	92	87	83	79	75	72	69	66	64	61	59	57	55	53	52	50	49
	1473	114	107	100	94	89	84	80	76	73	70	67	64	62	59	57	55	53	52	50	48	47
	1524	110	103	97	91	86	81	77	74	70	67	64	62	59	57	55	53	52	50	48	47	45

Notes:

1. Solid colours additional sheets are the same minimum order quantity as initial order
2. Chip filled colours additional sheets are 1/3 the required minimum order quantity as initial order
3. Sheet weight not to exceed 170 kg
4. Additional sheets required not meeting the second batch minimum order quantity will need to be supplemented by standard stock material

CUSTOM DIMENSIONS – MINIMUM ORDER QUANTITIES

12 mm Solid Colours

		LENGTH IN MM																				
		2134	2286	2438	2591	2743	2896	3048	3200	3353	3505	3658	3810	3962	4115	4267	4420	4572	4724	4877	5029	5182
WIDTH IN MM	762	111	103	97	91	86	82	78	74	71	67	65	62	60	57	55	54	52	50	49	47	46
	813	104	97	91	86	81	77	73	69	66	63	61	58	56	54	52	50	49	47	45	44	43
	864	98	91	86	81	76	72	68	65	62	60	57	55	53	51	49	47	46	44	43	41	40
	914	92	86	81	76	72	68	65	62	59	56	54	52	50	48	46	45	43	42	40	39	38
	965	88	82	77	72	68	64	61	58	56	53	51	49	47	45	44	42	41	40	38	37	36
	1016	83	78	73	68	65	61	58	55	53	51	49	47	45	43	42	40	39	38	36	35	34
	1067	79	74	69	65	62	58	55	53	50	48	46	44	43	41	40	38	37	36	35	34	33
	1118	76	71	66	62	59	56	53	50	48	46	44	42	41	39	38	36	35	34	33	32	31
	1168	72	67	63	60	56	53	51	48	46	44	42	40	39	37	36	35	34	33	32	31	30
	1219	69	65	61	57	54	51	49	46	44	42	40	39	37	36	35	33	32	31	30	29	29
	1270	67	62	58	55	52	49	47	44	42	40	39	37	36	34	33	32	31	30	29	28	27
	1321	64	60	56	53	50	47	45	43	41	39	37	36	34	33	32	31	30	29	28	27	26
	1372	62	57	54	51	48	45	43	41	39	37	36	34	33	32	31	30	29	28	27	26	25
	1422	59	55	52	49	46	44	42	40	38	36	35	33	32	31	30	29	28	27	26	25	24
	1473	57	54	50	47	45	42	40	38	36	35	33	32	31	30	29	28	27	26	25	24	24
	1524	55	52	49	46	43	41	39	37	35	34	32	31	30	29	28	27	26	25	24	24	23

12 mm Chip-Filled Colours

		LENGTH IN MM																				
		2134	2286	2438	2591	2743	2896	3048	3200	3353	3505	3658	3810	3962	4115	4267	4420	4572	4724	4877	5029	5182
WIDTH IN MM	762	166	155	145	136	129	122	116	110	105	101	97	93	89	86	83	80	77	75	73	70	68
	813	155	145	136	128	121	114	109	104	99	95	91	87	84	81	78	75	73	70	68	66	64
	864	146	136	128	120	114	108	102	97	93	89	85	82	79	76	73	71	68	66	64	62	60
	914	138	129	121	114	107	102	97	92	88	84	81	77	74	72	69	67	64	62	60	59	57
	965	131	122	114	108	102	96	92	87	83	80	76	73	70	68	65	63	61	59	57	56	54
	1016	124	116	109	102	97	92	87	83	79	76	73	70	67	64	62	60	58	56	54	53	51
	1067	118	110	104	97	92	87	83	79	75	72	69	66	64	61	59	57	55	53	52	50	49
	1118	113	105	99	93	88	83	79	75	72	69	66	63	61	59	56	55	53	51	49	48	47
	1168	108	101	95	89	84	80	76	72	69	66	63	61	58	56	54	52	50	49	47	46	45
	1219	104	97	91	85	81	76	73	69	66	63	60	58	56	54	52	50	48	47	45	44	43
	1270	99	93	87	82	77	73	70	66	63	61	58	56	54	52	50	48	46	45	44	42	41
	1321	96	89	84	79	74	70	67	64	61	58	56	54	51	50	48	46	45	43	42	41	39
	1372	92	86	81	76	72	68	64	61	59	56	54	52	50	48	46	44	43	42	40	39	38
	1422	89	83	78	73	69	65	62	59	56	54	52	50	48	46	44	43	41	40	39	38	37
	1473	86	80	75	71	67	63	60	57	55	52	50	48	46	44	43	41	40	39	38	36	35
	1524	83	77	73	68	64	61	58	55	53	50	48	46	45	43	41	40	39	37	36	35	34

Notes:

1. Solid colours additional sheets are the same minimum order quantity as initial order
2. Chip filled colours additional sheets are 1/3 the required minimum order quantity as initial order
3. Sheet weight not to exceed 170 kg
4. Additional sheets required not meeting the second batch minimum order quantity will need to be supplemented by standard stock material

CUSTOM COLOUR DEVELOPMENT

Before ordering, please keep in mind that the given minimum order quantity may vary from +/-10%. The minimum order quantity is generally one 40 ft. container, i.e. 300 sheets for 12 x W. 762 x L. 3658 mm, plus the test batch order (30 sheets). The minimum order quantity for any repeated order is 90 to 100 sheets.



* if ordered before the 20th of the month. Production the month after.

CUSTOM COLOURS REQUEST FORM

Please e-mail this form to your sales manager.

Requested by

Date

Customer Name
Email

Project Name
Location
Industry
Specific Application

Product to Develop/to Match

Opportunity
(Sheet Size Needed, Quantity/
Estimated Sales)

Price Point

Cell Cast Sample Due Date

Production Sheet Due Date

Sample Delivery
Name
Address

ORDERING FROM THE USA

SAMPLE PRICE LIST

REFERENCE	DESCRIPTION	COST
SL406035EU_2019	EMEA Distributor Case 2019-2021 (AVONITE® et STUDIO Collection®)	\$ 140
SL406035E_2019	Empty Distributor Case	\$ 30
SL4041**/EA	Sample chip, T. 12 x W. 43 x L. 60 mm – Single – Standard Finish AVONITE®	\$ 2
SL4041**/BOX	Sample chip, T. 12 x W. 43 x L. 60 mm – 20 chips of 1 colour in box – Standard finish AVONITE®	\$ 20
SL4046**/EA	Sample chip, T. 12 x W. 102 x L. 102 mm – Individual chip – Standard finish AVONITE®	\$ 3
SL4046**/BOX	Sample chip, T. 12 x W. 102 x L. 102 mm – 5 chips of 1 colour in box AVONITE®	\$ 10
SL4051**/ EA	Sample chip, T. 12 x W. 203 x L. 254 mm – Individual chip (STOCK AVONITE®*)	\$ 15
SL4051** / EA	Sample chip, T. 12 x W. 203 x L. 254 mm – Individual chip (NOT STOCK AVONITE®)	\$ 30

Please note that a price surcharge as well as an additional manufacturing lead time apply for other sample dimensions.

* 8901 Altitude, 8903 Torrent, 8904 Morning Mist, 8905 Summit, 8908 Calm and 8909 Unwind.

** Insert 2-digit colour reference number as per spreadsheet hereunder

COLOUR REF.	COLOUR NAME	SAMPLE NUMBER	COLOUR REF.	COLOUR NAME	SAMPLE NUMBER	COLOUR REF.	COLOUR NAME	SAMPLE NUMBER
4312	Alaskan Stone	1M	8240	Eclipse	5J	8256	Polaris	4J
8206	Alpine Shimmer	2H	8248	Fuego	4M	8066	Porcelain	26
8901	Altitude	7M	7790	Galactic Ice	6N	7728	Relic	30
8258	Antique Blue	8J	7710	Gulf Coast	1D	7506	River's Edge	7N
9015	Artica	37	7817	Harland	2O	9173	Riverside	4O
9012	Aspen	80	9037	High Desert	5A	9036	Sandstorm	4A
7502	Avalanche	2G	4330	Honey Crunch	5F	9017	Savor	0N
8284	Azul	1L	8298	Ice Blue	0L	7509	Seaside	5O
9125	Black Coral	9D	8064	Ice White	2M	8280	Smoke	9K
8010	Bone	52	7849	Industrial	9O	7848	Snow Mist	1O
7830	Bronze	3D	8106	Ivory	5E	8090	Snowfall	3N
8272	Café au Lait	5K	9117	Kokoura	3A	7820	Star Shine	6D
8908	Calm	0O	7810	Malt	7E	7747	Stony Peak	8O
9137	Casablanca	2B	8268	Mango	4K	7738	Storm	8N
8292	Cloud	6L	7749	Mellow	9N	9010	Stormy Gray	41
7746	Cloud Burst	6O	7501	Moon Crystal	0F	8905	Summit	1N
4310	Coastline	3G	8904	Morning Mist	8M	8026	Super White	1H
7724	Creek Rock	7O	7503	Morning Tundra	1G	8903	Torrent	9M
8024	Crème	2E	7842	New Concrete	6M	8909	Unwind	1P
7735	Dark Roast	3E	9024	Night Shadow	8A	7857	Vintage Concrete	2N
8231	Dove Grey	5M	9119	Nordic	6A	8016	White	1F
7856	Dove Shimmer	5N	9144	Palermo	3B			

COLOURS SPECIFICATIONS

LIGHT REFLECTANCE VALUES

Light Reflectance Value measures the amount of light reflected by a material. Values were measured using the method described in *ASTM C609 - Measurement of Light Reflectance Value and Small Colour Differences Between Pieces of Ceramic Tile*.

NUMBER	NAME	LRV
4312	Alaskan Stone	76.4
8206	Alpine Shimmer	87.1
8901	Altitude	86.0
9015	Artica	76.3
7502	Avalanche	70.9
8284	Azul	20.3
9125	Black Coral	5.6
8010	Bone	64.0
8908	Calm	91.7
9137	Casablanca	55.4
8292	Cloud	59.1
7746	Cloud Burst	30.8
4310	Coastline	79.2
7735	Dark Roast	7.8
8231	Dove Grey	39.3
7856	Dove Shimmer	56.0
8240	Eclipse	4.5
8248	Fuego	15.6
7790	Galactic Ice	83.0
7710	Gulf Coast	50.8
9037	High Desert	32.0
4330	Honey Crunch	61.3
8298	Ice Blue	68.4
8064	Ice White	81.5
7849	Industrial	15.9
8106	Ivory	75.4
9117	Kokoura	85.9

NUMBER	NAME	LRV
7810	Malt	76.2
8268	Mango	63.8
7749	Mellow	81.0
7501	Moon Crystal	64.3
8904	Morning Mist	64.3
7503	Morning Tundra	28.5
7842	New Concrete	32.2
9119	Nordic	75.5
9144	Palermo	25.5
8256	Polaris	86.8
8066	Porcelain	93.1
7728	Relic	81.3
7506	River's Edge	15.7
9036	Sandstorm	54.1
8280	Smoke	18.0
7848	Snow Mist	76.6
8090	Snowfall	86.5
7820	Star Shine	5.9
7747	Stony Peak	49.6
7738	Storm	23.9
9010	Stormy Gray	41.2
8905	Summit	72.2
8026	Super White	84.0
8903	Torrent	63.8
8909	Unwind	63.1
7857	Vintage Concrete	32.2
8016	White	90.0

COLOURS SPECIFICATIONS

RAL® AND PANTONE® REFERENCE AVONITE® MATCHING SCALE

This list gives the new closest RAL® or Pantone® reference to our product list. However, we encourage you to compare a sample with the required colour before ordering anything.

COLOUR REFERENCE	COLOUR NAME	PANTONE®	RAL® CLASSIC	RAL® DESIGN	NCS
8258	Antique Blue	651C	–	–	S2020-R80B
8284	Azul	2158C	–	260 50 25	S4030-R90B
8010	Bone	7534C	9001	–	S1505-G90Y
8272	Café au Lait	7529C	–	070 70 10	S3005-Y20R
8292	Cloud	Cool Grey 2C	7047	000 80 00	S1500-N
8024	Crème	–	9001	095 90 10	S0804-Y30R
8240	Eclipse	426C	9005	000 25 00	S8502-B
8248	Fuego	2034C	3020	030 50 60	S2070-Y90R
8298	Ice Blue	642C	–	240 85 10	S1010-R90B
8064	Ice White	–	9003	000 90 00	S0500-N
8106	Ivory	–	9001	090 90 05	S0804-Y30R
8268	Mango	1225C	–	080 80 70	S0560-Y10R
8256	Polaris	–	9016	–	S0502-G50Y
8066	Porcelain	–	9016	110 96 02	S0300-N
8280	Smoke	Cool Grey 9C	7037	000 50 00	S5502-B
8090	Snowfall	–	9003	–	S0500-N
8026	Super White	–	9003	–	S0500-N
8016	White	–	9016	–	S0502-G50Y

LOGISTICS

SHEET QUANTITIES PER PALLET

Here is the number of sheets per pallet for the most commonly ordered products – from Florence, KY or from Europe. For other dimensions or thicknesses, please contact your sales manager.

THICKNESS	SHEET DIMENSIONS IN MM	SQM/SHEET	NUMBER OF SHEETS PER PALLET	COMMENTS
3	762 x 3 658	2.8	60	Stock size in US for White & Super White only
6	762 x 3 658	2.8	30	Stock size in EU for Snowfall only
	914 x 2 438	2.2	20	US wet wall colours only, no stock in EU
	1 219 x 2 438	3	20	US wet wall colours only, no stock in EU
	1 524 x 2 438	3.7	20	US wet wall colours only, no stock in EU
9	762 x 3 658	2.8	20	Stock size in EU for Snowfall only
12	762 x 3 658	2.8	15	All colours except colours in Group 3 & Group 7
	914 x 3 658	3.3	15	Stock size in EU for all colours in Group 7 only
	1 372 x 3 658	5	10	Stock size in EU and in US for Ice White, Ice Blue, Polaris, Snowfall only
	1 524 x 3 658	4.6	10	Stock size in EU for Snowfall only Stock size in Us for Snowfall, Bone, Ivory, Polaris, Porcelain, Super White, White

RAINBOW PALLETS

A Rainbow pallet relates to a full pallet reorganization of the same dimension. Rainbow pallets apply to stock colours only.

CHARGE:

- Rainbow pallets and “individual sheets” order out of the EU warehouse are subject to a \$75 surcharge per pallet.
- Rainbow pallets order out of the KY USA warehouse are subject to a \$200 surcharge per pallet and are only possible for sheets of 12 x W. 762 x L. 3 658 mm in either 3 colours and 5 sheets per colour OR 2 colours 1 colour in 10 sheets and 1 colour in 5 sheets.

QUALITY SPECIFICATIONS

THIS DOCUMENT OUTLINES THE QUALITY INSPECTION PROCESS FOR AVONITE® ACRYLIC SOLID SURFACE SHEETS. USE THIS DOCUMENT AS A GUIDE WHEN INSPECTING PRODUCT TO DETERMINE IF DEFECTS ARE WITHIN TOLERANCE.

DIMENSIONS TOLERANCES

SHEET LENGTH AND WIDTH

Length and width tolerances vary based on product category.

LENGTH TOLERANCE	WIDTH TOLERANCE
+ 12.7 mm / - 0.0 mm	+ 3.2 mm / - 0.0 mm

SHEET THICKNESS

Thickness tolerance can vary based on nominal caliper and product category.

NOMINAL THICKNESS	THICKNESS TOLERANCE
12 mm	+ 0.508 mm / - 0.508 mm
6 mm	+ 0.381 mm / - 0.381 mm
3 mm	+ 0.254 mm / - 0.254 mm

If the sheet does not match the above tolerance, or if the thickness variation within a sheet differs by -0.13 mm/+0.13 mm, **contact customer service**.

SURFACE DEFECTS

The manufacturing process will provide a factory finish which may show superficial defects not representative of final product quality. It is important to follow the recommended final finishing steps found in the Fabrication Guide before conducting a visual inspection or colour match test.

Chip filled sheets are designed to have a random particle distribution which may lead to similar chips being grouped together. This is not considered to be a defect but is a designed aspect of the AVONITE® solid surface sheet. Chip distribution defects often appear as an area of the sheet with little to no chips and other areas with a high concentration. If colour inconsistencies such as blotches / clouding or chip inconsistencies such as washouts are found and cannot be worked out, contact our customer service.

QUALITY SPECIFICATIONS

Surface defects such as dirt, streaks, contamination, etc. can be observed either at the QA inspection station or the inspection bridge. These defects are typically not acceptable. Any one of the following defects, determined by the ISSFA-2-01 (2013) SST 5.1-00 standard specification, will cause a sheet to be classified as B grade:

• Face Side Contamination

For a sheet to be considered defective due to contamination, it must have five or more spots of contamination that are larger than 0.1 mm² and/or a single contaminant spot greater than 0.25 mm² per ISFA-2-01 (2013) SST 5.1-00.

Exception: No more than 5 particles of 0.3 mm² or larger size each per square metre of sheet, on the below list of colours.

(9117 Kokoura, 7810 Malt, 7848 Snow Mist, 7749 Mellow, 8206 Alpine Shimmer, 7817 Harland, 7728 Relic, and other recycled product; 4310 Coastline)

Size Estimation Chart – Only use the original clear template for actual measurement.

• Face Side Pinholes, Voids, and/or Ripples

Any face side pinhole or void is considered defective. Other face side surface imperfections are considered acceptable if they can be removed by orbital sanding with 320-grit sandpaper.

• Back Side Pinholes, Voids, and/or Ripples

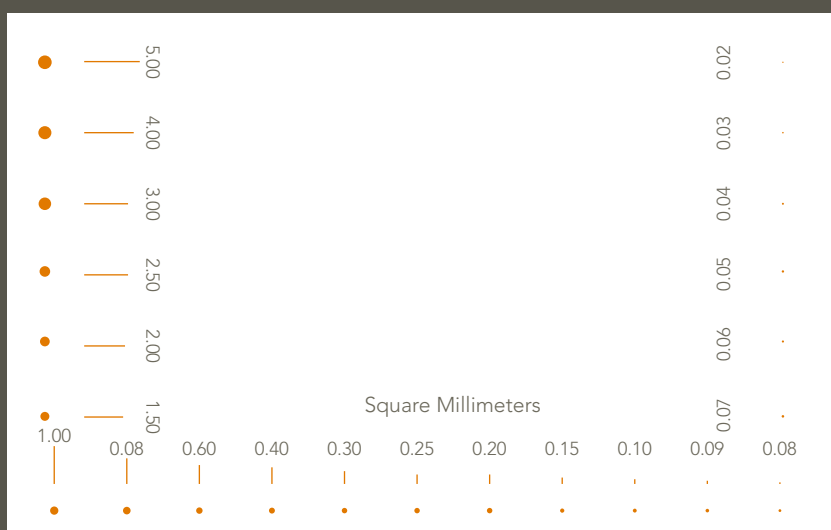
Light porosity, such as pinholes or voids, are acceptable in the back side of the sheet. Any ripples, bumps, or divots are considered defective as is any glossy (non-sanded) area more than 0.5 mm in depth.

SIZE ESTIMATION CHART

For use with TAPPI T564

This chart is for estimation of defect or other area estimation requirements. For high precision work, the spot and rectangle areas on this chart should be measured microscopically and correction factors be developed.

This chart must NOT be used to measure dirt (EBA) by methods T213 or T437.



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QUALITY SPECIFICATIONS

COLOUR MATCH

AVONITE® acrylic solid surface sheets are manufactured in continuous cast production cycles to reduce the variation in sheet characteristics. Different production cycles of the same product may show minor variations in characteristics, including colour. For optimal colour match, the following checks should be taken to ensure best results.

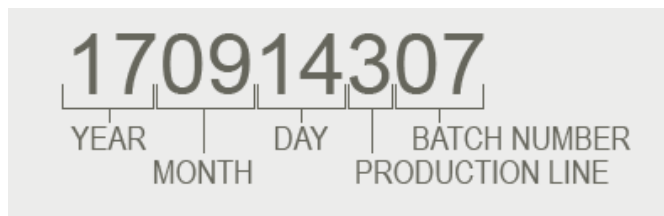
- 1 Check the product identification number printed on the sheet.
- 2 Conduct a colour match test.

Identification Number

The product identification number format will differ based on production facility.

Florence, KY AVONITE®

Sheets produced at the Florence, KY facility will have the product identification number printed on the side and/or bottom of the sheet and consist of nine numeric digits in the following format:



The full identification number should be identical for optimum colour match. Sheets with the same date and production line number but different batch number were manufactured during the same production cycle and should pass a colour match test.

Colour Match Test

Follow these steps to conduct a colour match test:

- 1 Cut a sample strip from the sheets intended to be used together.
- 2 Seam the samples together and polish to desired finish.
- 3 Inspect the seam for proper colour match.

Colour and chip inconsistency

The manufacturing process will provide a factory finish which may show superficial defects not representative of final product quality. It is important to follow the recommended final finishing steps found in the Fabrication Guide online before conducting a visual inspection or colour match test.

Chip filled sheets are designed to have a random particle distribution which may lead to similar chips being grouped together. This is not considered to be a defect but is a designed aspect of the AVONITE® solid surface sheet. Chip distribution defects often appear as an area of the sheet with little to no chips and other areas with a high concentration. If colour inconsistencies such as blotches/clouding or chip inconsistencies such as washouts are found and cannot be worked out, contact our customer service.

Colour Consistency Analysis

When feasible, the colour consistency of each production batch of material is analysed with a Colour Spectrophotometre and compared against the target CIE L*a*b Colour Scale values. For sheets that have marble or veining patterns, or contain large chips, the colour consistency is analysed against a Master Sample under controlled lighting conditions.

QUALITY SPECIFICATIONS

WARPING

Lay sheet, on flat surface. If the edges of the sheet deflect up (forming a “bowl”) greater than 1.5 mm in the width direction, contact customer service.

BREAKAGE

Corner or edge chips are acceptable if the usable width and length meet or exceed the nominal sheet size.

PROTECTIVE FILM

Stock items – except 3 mm thickness sheets – are delivered with a protective film. In the case of a **RIGHT SIZE** order or a custom product order, the customer may specify if he wants the sheets produced with or without a protective film. By default, the sheets will be covered by a protective film – except 3 mm thickness sheets.

ADHESIVES

A Viscosity

Resin Side to be 20000 to 35000 CPS
Activator Side to be 10000 to 15000 CPS

B Gel time

Gel time (working time) 8 minutes to 13 minutes (room temperatures).
Fixture time (time to begin fabricating the product) to be within 20-30 minutes of adhesive application time (room temperatures).

C Colour consistency

Colour consistency is below 1 ΔE.

D Storage and shelf life

Shelf life of Solid Surface Adhesive (Part A) and activator (Part B) is 18 months. Shelf life is based on continuous storage between 12°C and 23°C. Exposure (Long term) above 23°C will reduce the shelf life of these materials. Prolonged exposure of activators, including cartridges that contain activators, above 37°C rapidly diminishes the reactivity of the product and should be avoided. These products should never be frozen. For expiry date see label.

WARRANTIES

15-YEAR LIMITED WARRANTY COMMERCIAL AND RESIDENTIAL INTERIOR APPLICATIONS

Aristech Surfaces LLC (“ARISTECH”) warrants to the original purchaser of any of its manufactured solid surface products that ARISTECH will, at its option and sole discretion, repair or replace the product if such product fails due to an ARISTECH manufacturing defect which is discovered during the first fifteen (15) years after the initial purchase, subject to the limitations set forth in this Limited Warranty.

This Limited Warranty applies only to AVONITE® products that have been fabricated and installed by an ARISTECH fabricator has installed the product in accordance with the installation instructions provided by ARISTECH; which have been used as recommended; and which have failed due to a manufacturing defect and not from damage caused by physical abuse, structural movement, excessive heat, or breakage not due to a defect in the manufacture of the solid surface. This Limited Warranty does not cover defects or damage caused by or resulting from failure of any adhesive, caulk or other accessory, or failure of any caulked or filled joint or seam. This Limited Warranty covers the product for normal interior use, but does not cover the product if it has been moved from its original place of installation. Labour charges incurred during installation are not included under this Limited Warranty. This is a product only Limited Warranty, not a fabrication or installation warranty.

Some variance in colour or pattern is natural and can occur. Exact matching of colour or colour of replacement product is not guaranteed.

This Limited Warranty does not apply to ARISTECH’S ADVANC3® solid surface product, which is covered by a separate ten-year limited warranty.

This Limited Warranty applies to AVONITE® products that are purchased after June 1, 2018, and maintained as described by the AVONITE® care and maintenance guide. (The care and maintenance guide may be found on the website at www.aristechsurfaces.com.) For coverage under this warranty, you must register online at www.aristechsurfaces.com. The Company will assign a warranty registration number.

This warranty may be transferred or assigned. If transferred or assigned, the subsequent owner must submit a new warranty registration form to ARISTECH within 30 days of the transfer or assignment from the original purchaser or current warranty holder. Once registered, this Limited Warranty will remain in effect for the duration of the original warranty term. Failure to register within 30-days of original purchase, transfer or assignment, will void the warranty.

To obtain service under this warranty, write to the dealer/contractor from whom you purchased the product or alternatively write to Aristech Surfaces LLC at the address below providing your name and address, warranty registration number, a description of the product involved, and the nature of the defect or failure. Repair or replacement shall not include any labour charges. A warranty registration number, purchase receipt or other acceptable proof of purchase will be required before any warranty claim can be considered.

Exclusive jurisdiction for legal disputes relating to alleged breach of warranty or representation of any nature must be filed in either the state or federal courts located in Boone County, Kentucky. Kentucky law will govern all disputes or claims arising out of the sale, purchase or use of the solid surface products.

The address to which Warranty claims should be reported is:

Aristech Surfaces LLC
7350 Empire Drive
Florence, KY 41042
USA

ARISTECH may ship (freight collect) to you products repaired or replaced under this Limited Warranty.

WARRANTIES

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, AND ARISTECH EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE (EVEN IF THE PURPOSE IS KNOWN TO ARISTECH), OR FROM COURSE OF DEALING OR TRADE USAGE. THIS LIMITED WARRANTY SETS FORTH THE SOLE REMEDY IN CONNECTION WITH THE SALE OR USE OF PRODUCTS COVERED BY THIS LIMITED WARRANTY AND IN NO EVENT SHALL ARISTECH BE OTHERWISE LIABLE FOR ANY LOSS, DAMAGE OR INJURY OF ANY NATURE ARISING OUT OF THE SALE OR USE OF THE PRODUCTS DELIVERED HEREUNDER, WHETHER FOR NEGLIGENCE, BREACH OF CONTRACT OR UNDER ANY OTHER LEGAL OR EQUITABLE THEORY. ARISTECH SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE SALE OR USE OF SUCH PRODUCTS, INCLUDING BUT NOT LIMITED TO LOST PROFITS, REVENUES, ANTICIPATED SALES, BUSINESS OPPORTUNITIES OR FOR INTERRUPTION OF BUSINESS. ARISTECH ASSUMES NO LIABILITY FOR IMPROPER FABRICATION, INSTALLATION AND/OR THE USE OF ADHESIVES NOT MANUFACTURED OR DISTRIBUTED BY ARISTECH.*

*Some countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from country to country.

Note: This Limited Warranty does not include items identified as 'disclaimer items' that can be purchased through Aristech Surfaces. If you require replacement of a 'disclaimer item', please contact ARISTECH.

Effective as of March 2019

WARRANTIES

ADVANC3® TEN-YEAR LIMITED WARRANTY

Aristech Surfaces LLC ("Aristech") warrants to the original purchaser of any of its ADVANC3® solid surface products that Aristech will at its option repair or replace, without charge, such product if it fails due to a manufacturing defect within ten years after the date the ADVANC3® solid surface product was first installed, subject to the limitations set forth below. This Limited Warranty also includes reasonable labour charges needed remove and replace the product covered by this Limited Warranty.

This Limited Warranty applies to any ADVANC3® solid surface product that is installed in residential or commercial applications in accordance with the fabrication guide and instructions, and maintained as specified by Aristech in publications relating to care for a permanent installation. A copy of such publications may be obtained, free of charge, from your dealer or by writing directly to Aristech.

This Limited Warranty does not cover damage caused by:

1. Failure to follow Aristech's procedures for handling, fabrication and installation.
2. Physical abuse, structural movement, damage from excessive heat, or breakage that is not caused by or due to a manufacturing defect.
3. Failure of any adhesive, caulk, or other finishing or maintenance accessory, or failure of any caulked or filled joint or seam.

This Limited Warranty applies only to ADVANC3® products:

1. Purchased for use in the United States and other countries where ADVANC3® is distributed, fabricated and installed by a qualified fabricator/installer.
2. Which fail due to a manufacturing defect; and
3. Which have not been moved from their original place of installation.

This Limited Warranty is for applications such as countertops, vanities and vertical applications, but does not apply to kitchen installations, where heat and moisture are prevalent, or installations in mobile environments such as recreational vehicles, marine crafts and airplanes. This Limited Warranty does not cover material exposed to weather conditions or exterior applications such as grill tops & exterior counters. This Limited Warranty does not cover colour. If during or after installation you decide that you do not like the colour selected due to sample chip variance, website or printed literature representation or other reason, replacement is not covered by this Limited Warranty.

For coverage under this Limited Warranty, you must register online at www.aristechsurfaces.com. Aristech will assign a warranty registration number.

To obtain service under this Limited Warranty, write to the dealer/contractor from whom you purchased the product or alternatively write to: Aristech at the address given below. Include the phrase "ADVANC3® Products, Ten-Year Limited Material Warranty", your name, address, a description of the problem and your warranty registration number. A response will be sent within 60 days. Aristech's obligation hereunder is limited solely to the repair or replacement, including reasonable, necessary labour charges, of the ADVANC3® product purchased hereunder.

The address to which warranty claims should be reported is:

Aristech Surfaces LLC
7350 Empire Drive
Florence, KY 41042
USA

Aristech may ship (freight collect) to your products repaired or replaced under this Limited Warranty.

This Limited Warranty is not transferable or assignable.

Exclusive jurisdiction for legal disputes relating to alleged breach of warranty or representation of any nature must be filed in either the state or federal courts located in Boone County, Kentucky. Kentucky law will govern all disputes or claims arising out of the sale, purchase or use of the solid surface products.

Aristech's obligation to repair or replace shall further be limited to repair or replacement with colours and styles of product that are available at the time of repair or replacement. Some variation in colour or pattern is natural and can occur. Exact matching of colour or colour of replacement product is not guaranteed. No implied or express warranty of merchantability or fitness for a particular purpose is granted or created by this Limited Warranty and the same are expressly disclaimed below. Except as provided herein, Aristech shall not be liable in either tort or contract for any loss or direct, consequential or incidental damage arising out of the use or inability to use ADVANC3® residential or commercial products hereunder.

WARRANTIES

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, AND COMPANY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE (EVEN IF THE PURPOSE IS KNOWN TO COMPANY), OR FROM COURSE OF DEALING OR TRADE USAGE. THIS LIMITED WARRANTY SETS FORTH THE SOLE REMEDY IN CONNECTION WITH THE SALE OR USE OF PRODUCTS COVERED BY THIS LIMITED WARRANTY AND IN NO EVENT SHALL COMPANY BE OTHERWISE LIABLE FOR ANY LOSS, DAMAGE OR INJURY OF ANY NATURE ARISING OUT OF THE SALE OR USE OF THE PRODUCTS DELIVERED HEREUNDER, WHETHER FOR NEGLIGENCE, BREACH OF CONTRACT OR UNDER ANY OTHER LEGAL OR EQUITABLE THEORY. COMPANY SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE SALE OR USE OF SUCH PRODUCTS, INCLUDING BUT NOT LIMITED TO LOST PROFITS, REVENUES, ANTICIPATED SALES, BUSINESS OPPORTUNITIES OR FOR INTERRUPTION OF BUSINESS. COMPANY ASSUMES NO LIABILITY FOR IMPROPER FABRICATION, INSTALLATION AND/OR THE USE OF ADHESIVES NOT MANUFACTURED OR DISTRIBUTED BY COMPANY.*

*Some countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from country to country.

Note: This Limited Warranty does not include items identified as 'wear items' that can be purchased through Aristech. If you require replacement of a 'wear item', please contact Aristech Surfaces LLC.

Effective as of March 2019

WARRANTIES

LIMITED WARRANTY COMMERCIAL AND RESIDENTIAL EXTERIOR APPLICATIONS

Aristech Surfaces LLC ("Aristech") warrants for outdoor use to the original owner of AVONITE® Acrylic Solid Surface for a period of ten years from the date of original purchase from Aristech that sheets made with colours 8016 White, 8026 Super White, 8090 Snowfall, and 8256 Polaris will be free from manufacturing defects, the colour will not fade or change more than 5 ΔE CIE lab units and gloss loss on a matte finish will not exceed 40%. Aristech warrants for outdoor use to the original owner of AVONITE® Acrylic Solid Surface for a period of five years from the date of original purchase from Aristech that sheets made with colours 8010 Bone, 8024 Crème, and 8106 Ivory will be free from manufacturing defects, the colour will not fade or change more than 5 ΔE CIE lab units and gloss loss on a matte finish will not exceed 40%.

If any sheet of AVONITE® Acrylic Solid Surface made with the colours listed above shows a change in colour of more than 5 ΔE CIE lab units or gloss loss in excess of 40% on a matte finish within five (5) or ten (10) years from the date of original purchase (depending upon the length of the applicable warranty term based upon the colour of the product), Aristech will, at its option and sole discretion, either provide a replacement sheet of AVONITE® Acrylic Solid Surface or refund the original purchase price of the sheet.

This warranty applies only to AVONITE® Acrylic Solid Surface sheets formed, maintained and installed in the manner recommended by Aristech in its facade white book and which have not been moved from their original place of installation. For coverage under this warranty, you must register on line at www.aristechsurfaces.com. The Company will assign a warranty registration number. To obtain service under this warranty, write to the dealer/ contractor from whom you purchased the product or alternatively write to Aristech Surfaces LLC at the address given below providing your name and address, warranty registration number, a description of the product involved, and the nature of the defect or failure. Refund or replacement shall not include any labour charges. A warranty registration number, purchase receipt or other acceptable proof of purchase will be required before any warranty claim can be considered.

Warranty claims should be sent to:
Aristech Surfaces LLC
7350 Empire Drive
Florence, KY 41042
USA

ARISTECH may ship (freight collect) to you products replaced under this Limited Warranty.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, AND ARISTECH EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE (EVEN IF THE PURPOSE IS KNOWN TO ARISTECH), OR FROM COURSE OF DEALING OR TRADE USAGE. THIS LIMITED WARRANTY SETS FORTH THE INITIAL PURCHASER'S SOLE REMEDY IN CONNECTION WITH THE SALE OR USE OF PRODUCTS COVERED BY THIS LIMITED WARRANTY AND IN NO EVENT SHALL ARISTECH BE OTHERWISE LIABLE FOR ANY LOSS, DAMAGE OR INJURY OF ANY NATURE ARISING OUT OF THE SALE OR USE OF THE PRODUCTS DELIVERED HEREUNDER, WHETHER FOR NEGLIGENCE, BREACH OF CONTRACT OR UNDER ANY OTHER LEGAL OR EQUITABLE THEORY. ARISTECH SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE SALE OR USE OF SUCH PRODUCTS, INCLUDING BUT NOT LIMITED TO LOST PROFITS, REVENUES, ANTICIPATED SALES, BUSINESS OPPORTUNITIES OR FOR INTERRUPTION OF BUSINESS. THIS WARRANTY IS NON-TRANSFERABLE. ARISTECH ASSUMES NO LIABILITY FOR IMPROPER FABRICATION AND/OR INSTALLATION.*

Exclusive jurisdiction for legal disputes relating to alleged breach of warranty or representation of any nature must be filed in either the state or federal courts located in Boone County, Kentucky. Kentucky law will govern all disputes or claims arising out of the sale, purchase or use of the solid surface products.

* Some countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from country to country.

WARRANTIES

ADHESIVE WARRANTY

Aristech Surfaces LLC warrants that its adhesives will meet the specifications presented in the section QUALITY SPECIFICATIONS on p. 26, for a period of 18 months from the manufacture date, provided the adhesive is stored at or below standard room temperatures, (less than 26.5°C). Should the adhesive become exposed to higher temperature, the shelf life of the adhesive will be shortened, and Aristech Surfaces will not be responsible for adhesive stored at temperatures exceeding 26.5°C during the 18 months of storage.

Aristech Surfaces LLC will evaluate any claim of shelf life non-performance in the following manner: Upon proper inspection of the adhesive, and comparison of the adhesive to retain adhesive maintained at Aristech Surfaces in storage, that if the retains samples perform in accordance to the specifications above, that the adhesive has been exposed to a heat history that has caused it to underperform the stated warranty. No credit shall be given. If however, the retain samples maintained at Aristech Surfaces in storage do not perform in accordance to the specifications above within 18 months after manufacture, at Aristech Surfaces discretion, Aristech Surfaces will replace or credit for the full value, any substantiated and validated quantity of kits claimed defective. No claim shall be honoured for any adhesive that is more than 18 months from the date of manufacture.

WARRANTY CLAIMS PROCESSING

To solve the claim, we need to prepare a claim report. You can help us expedite the process by assisting in the following area:

- Please contact your AVONITE® Sales Manager if a problem is discovered.
- Provide colour and batch number of product in question.
- Provide the number of sheets with the problem plus photos of issue. Samples might be requested.
- Sometimes sheet samples or problem sheet may be asked to be returned for evaluation.
- The USA Quality Supervisor and/or Product Manager will create Credit Request Form and determine AVONITE® resolution.
- Customer will be informed of credit or replacement resolution from AVONITE®.

TERMS OF PAYMENT

1 CURRENCY

Invoices are issued and are to be paid in USD.

2 PAYMENT TERMS

If open credit terms are established, standard terms are Net 60 days from shipment date for any shipments originating from the United States and Net 30 days from shipment date on any shipments originating from Europe. Open credit terms are available on application and subject to 3rd party authorization by ARISTECH's credit insurer, Atradius.

3 TRANSFER INSTRUCTIONS – DOMESTIC AND INTERNATIONAL

Wells Fargo Bank, N.A.
420 Montgomery
San Francisco, CA 94104
SWIFT/BIC: WFBIUS6S
CHIPS Participant: UID ABA 0407
ABA # 121000248
Account Name: Aristech Surfaces LLC
Account # 4122242068

TERMS OF TRANSPORT

1 DELIVERY TERMS

From Europe: The standard delivery terms are either EXW or DAP at the price indicated in EMEA price list. TML can provide a competitive rate for EXW deliveries, please contact us for rates.

From USA: The delivery terms are CFR partner's destination. Local taxes are excluded.

2 MINIMUM ORDER QUANTITY FOR STOCKED SHEETS

From Europe: no minimum order quantity.

From USA: One 20 ft. container. Lesser quantities, please contact us.

3 MINIMUM ORDER QUANTITY FOR RIGHT SIZE PROGRAMME

Please refer to the section STOCK AND RIGHT SIZE ORDER POSSIBILITIES FROM USA p. 13.
Tolerance in quantities: +/-10%.

4 MINIMUM ORDER QUANTITY FOR ADHESIVES

Please refer to section FABRICATION SUPPORT MATERIAL p. 11.

5 DELIVERY TIME

From Europe: 5 working days. In case an adhesive is out-of-stock, please allow 10 working days for lead time and 2 or 3 extra days for shipment.

From USA: Stock orders: 5-7 weeks.
Non-stocked: items 10-12 weeks, if ordered before 20th of the month (production the month after).

6 STOCK ADDRESS AND CUSTOMER TRANSPORT FROM EU03 – BELGIUM

Tailormade Logistics (TML)

Peter D'hont · Customer Care Coordinator
Korte Mate 5 Haven 4245 H
9042 Gent-Zeehaven · Belgium
T +32 (9) 255 77 45
M +32 (496) 16 20 00
www.tailormade-logistics.com
pd@tailormade-logistics.com

7 ADHESIVE TRANSPORT COST AND CRITERIA

In Europe:

Up to 30 kg: \$21
Up to 40 kg: \$24
Up to 70 kg: \$31

In the UK:

Up to 30 kg: \$17
Up to 40 kg: \$20
Up to 70 kg: \$26

8 EXPRESS DELIVERY SERVICE ON THE "EXPRESS 20" ITEMS IN EUROPE CONDITION

- Aristech Surfaces LLC guarantees that products identified as "Express 20" can be delivered within 5 to 8 business days. All the products listed in the AVONITE® User Manual are warehoused at our European depot. That being said, Aristech Surfaces LLC undertakes to store larger quantities of a selection of the most popular products so as to be able to offer a premium delivery service for those items.
- This service covers a maximum quantity of three pallets per colour. For orders exceeding three pallets per colour, "Express 20" service is not guaranteed and a short additional lead time may be applied to extra pallets, depending on available stock levels.
- List of European countries eligible for "Express 20" service:

In 5 business days :

Austria
Belgium
Czech
Denmark
France
Germany
Ireland
Italy (Not Pc 7-8-9)
Luxemburg
Netherlands
Norway
Poland
Portugal
Schweiz
Spain
Sweden
Uk (Excl. Scotland + N.ireland)

In 8 business days :

Albania
Bosnia and Herzegovina
Bulgaria
Croatia
Estonia
Finland
Greece
Hungary
Latvia
Lithuania
Macedonia
Romania
Slovakia
Slovenia
Serbia
Turkey

- To optimise the efficiency of our delivery service, a portion of shipments will be grouped together and delivered on a specific day of the week. In urgent cases, a special exemption may be requested at the time of order placement to ensure delivery within five business days.

ARISTECH SURFACES LLC

TERMS AND CONDITIONS OF SALES

1 Applicability; Acceptance.

- a These terms and conditions (these "Terms") are the only terms which govern the sale of the product ("Product") by Aristech Surfaces LLC ("ASLLC") to its customer ("Buyer"). Notwithstanding anything herein to the contrary, if a written contract signed by both parties is in existence covering the sale of the Product covered hereby, the terms and conditions of said contract shall prevail to the extent they are inconsistent with these Terms.
- b The acknowledgment issued by ASLLC ("The Acknowledgment") and these Terms comprise the entire agreement between the parties as to the transaction contemplated in the Acknowledgment, and supersede all prior or contemporaneous understandings, agreements, negotiations, representations and warranties, and communications, both written and oral. These Terms and the Acknowledgment prevail over the Buyer's general terms and conditions of purchase regardless of whether or when Buyer has submitted its purchase order or such terms. Fulfilment of Buyer's order does not constitute acceptance of any Buyer's terms and does not serve to modify or amend these Terms or the Acknowledgment. Buyer's acceptance of Product, in whole or in part, or any other assent by Buyer to these Terms shall constitute an agreement to comply with these Terms.

2 Quantity and Prices; Taxes. Buyer shall buy the Product from ASLLC at the prices and in the quantities set forth in the Acknowledgment. All prices are exclusive of all sales, use, and excise taxes, and any other similar taxes, duties, and charges of any kind imposed by any governmental authority or any amounts payable by Buyer. Buyer shall be responsible for all such charges, costs, and taxes. The prices quoted are subject to change by ASLLC without notice. Revised process will apply to shipments made on and after the effective date of a price change.

3 Payment terms. Buyer shall pay all invoiced amounts due to ASLLC as designated on the Acknowledgment. Each delivery is subject to credit arrangements or to cash receipt. If Buyer fails to make a payment, or if at any time in ASLLC's judgment Buyer's credit standing has been impaired, ASLLC may withhold delivery of Product ordered

until satisfactory cash or credit arrangement have been established. Buyer shall pay interest on all late payments at 3.5% per month or the highest rate permissible under applicable law, compounded daily, whichever is less. Buyer shall reimburse ASLLC for all costs incurred in collecting any late payments, including, without limitations, attorney's fees, and expert witnesses' fees.

4 Delivery; Shipment. Unless otherwise agreed to by the parties in writing, ASLLC shall deliver the Product using ASLLC's standard methods for packaging and shipping such goods. If extra shipping costs are incurred at Buyer's request, Buyer shall reimburse ASLLC for such shipping costs. Shipping quantities may vary by +/- 10% on ASLLC's custom items and will be full batch yield quantities for ASLLC's standard items.

5 Delivery Terms; Title and Risk of Loss. Except as otherwise agreed to by the parties in writing, delivery shall be made FOB origin and title and risk of loss shall be pass to Buyer upon ASLLC delivering the Product to the carrier at the shipping point.

6 Order Cancellations. If Buyer cancels a custom order less than 72 hours prior to the scheduled start of production, Buyer shall pay ASLLC within 5 business days a cancellation fee equal to 10% of the original purchase price, If Buyer cancels a stock order less than 24 hours prior to the scheduled shipping, Buyer shall pay ASLLS within 5 business days a restocking fee equal to 25% of the original purchase price.

7 Inspection; Rejection; Returns. Buyer shall inspect the Product upon receipt, Buyer will be deemed to have accepted the Product unless it notifies in writing of any nonconforming Product within 10 days after receipt of such Product and furnishes such written evidence or other documentation as required by ASLLC. If Buyer timely notifies ASLLC of any nonconforming Product, ASLLC shall, in its sole discretion, (a) replace such nonconforming Product with conforming Product, or (b) credit or refund the price for such nonconforming Product. Buyer may not return any Product that conforms to specifications unless: (i) ASLLC has authorized the return in writing, (ii) the Product is unused and undamaged, (iii) the Product is returned with all freight prepaid by Buyer, and (iv) Buyer pays a restocking fee of 20% of the original purchase price.

- 8 Representations and Warranties.** Buyer represents, warrants, and covenants that: (a) Buyer is solvent, that it pays its obligations as they come due, and that the fair market value of its assets exceeds its disputed and undisputed liabilities; and that (b) it is and shall continue to be in compliance with all applicable laws related to these Terms and the operation of its business and it has obtained and maintain all licenses, authorizations, approvals, consents, or permits required by applicable law.
- 9 Separate Sale.** Each Product delivery shall stand as a separate sale and irregularity of any delivery shall not invalidate an order as to the remaining instalments.
- 10 Insurance.** Buyer shall, at its own expense, maintain and carry insurance in effect with financially sound and reputable insurers of the type and in such amounts as adequate for all risks in accordance with sound and prudent business practices.
- 11 Force Majeure.** ASLLC will be excused from its obligations to the extent that performance is delayed or prevented by any circumstances beyond its reasonable control, including, but not limited to, floods, wars, fires, explosions, sabotages, accidents, mechanical breakdowns, strikes or other labour disputes, plant shutdowns, inability to obtain materials, interference with the usual means of transporting Product, or with compliance with any law, regulation, or request of any government authority (each, a "Force Majeure Event"). The occurrence of a Force Majeure Event shall act to suspend ASLLC's obligation to perform and either shall not suspend Buyer's obligations to pay for a Product received.
- 12 Allocation.** If due to Force Majeure Event or any other cause, ASLLC is unable to produce sufficient product to meet its internal needs and the requirements of its customers, ASLLC shall be permitted, without liability to Buyer, to allocate its product (including any Product) in a manner it deems to be fair and reasonable considering ASLLC's internal needs, ASLLC's regular customers, and ASLLC's other contractual obligations.
- 13 Limited Warranty.** ASLLC warrants to the Buyer the following: (a) the Product will conform to ASLLC's specifications, (b) ASLLC shall convey to Buyer good title to the Product, and (c) the Product shall comply with the Limited Warranty Commercial and Residential Exterior Applications or the Limited Warranty Commercial and Residential Interior Applications, as applicable. EXCEPT FOR THE WARRANTIES SET FORTH IN THIS SECTION, ASLLC MAKES NO WARRANTY WHATSOEVER WITH RESPECT TO THE GOODS, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHETHER EXPRESS OR IMPLIED BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE, OR OTHERWISE.
- 14 LIMITATION OF LIABILITY.** ASLLC SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF REVENUE OR ANTICIPATED PROFITS, REGARDLESS OF THE FORM OF ACTION. ASLLC'S LIABILITY AND BUYER'S EXCLUSIVE REMEDY FOR ANY CAUSE OF ACTION IN CONNECTION WITH THESE TERMS, WHETHER BASED IN NEGLIGENCE, STRICT LIABILITY, TORT, BREACH OF CONTRACT OR WARRANTY, IS LIMITED, AT ASLLC'S SOLE DISCRETION, TO A MAXIMUM OF THE PURCHASE PRICE OF THE PRODUCT SHIPPED OR REPLACEMENT OF THE PRODUCT SHIPPED NOT CONFIRMING TO SPECIFICATIONS.
- 15 Remedies.** Each party acknowledges that any breach of these Terms will cause irreparable harm and injury to the other party for which money damages would be an adequate remedy and that, in addition to remedies at law, each party is entitled to equitable relief as a remedy for any breach. Each party waives any claim or defence that the other party has an adequate remedy at law in any proceeding. Nothing in these Terms shall limit the equitable or available remedies at law.
- 16 Confidential Information.** Unless otherwise agreed to by the parties in writing, neither party may disclose to a third party any non-public, confidential, and proprietary information, disclosed by one party to the other party, in oral, visual, written, electronic, or other tangible or intangible form, whether or not marked, designated, or identified as "confidential", other than as required for a party to fulfil its obligations under these Terms. This nondisclosure obligation shall survive the termination, expiration, or cancellation of these Terms.

- 17 Patents and Trademarks.** Buyer shall indemnify, defend, and hold ASLLC harmless against any expense, loss, or damage resulting from alleged or actual infringement of patents, trademarks, or any other intellectual property right of a third party arising from ASLLC compliance with any designs, specifications, or other instructions of Buyer.
- 18 Amendment.** These Terms may only be amended, modified, waived, or supplemented by an agreement in writing signed by both parties.
- 19 Waiver.** No waiver by either party of any of the provisions of these Terms is effective unless explicitly expressed in writing and signed by the waiving party. No failure to exercise, or delay in exercising, any right, remedy, power, or privilege arising from these Terms operates, or may be construed, as a waiver. No single or partial exercise of any right, remedy, power or privilege under these Terms precludes any other or further exercise thereof or the exercise of any other right, remedy, power or privilege.
- 20 Assignment.** Buyer shall not assign any of its rights or delegate any of its obligations under these Terms without ASLLC's prior written consent. Any purported assignment or delegation in violation of this Section is null and void. No assignment or delegation relieves Buyer of any of its obligations under these Terms.
- 21 Severability.** If any section of these Terms is invalid, illegal, or enforceable, that section is severed from these Terms and the remaining Sections in these Terms remain in effect.
- 22 Survival.** Provisions of these Terms which by their nature should apply beyond their terms will remain in force after any termination or expiration of these Terms.
- 23 Governing Law; Jurisdiction.** The laws of the Commonwealth of Kentucky (without giving effect to its conflict of law principle) govern all matters arising under and relating to the transaction governed by these terms. The United Nations Convention on Contracts for the International Sale of Goods does not apply to these Terms. Any legal proceeding relating to these Terms must be instituted in the federal or state courts located in Boone County, Kentucky. Each party irrevocably submits to the exclusive jurisdiction of those courts. Nothing in these Terms precludes ASLLC from enforcing in any jurisdiction any judgment, order, or award obtained in any such court.

Effective as of June 2020.

CONTACT US

Should you need further information, please contact our logistics team at: csorders@aristechsurfaces.com

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