CHEMETAL®

metal designs and laminates

chemetal.com

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CHEMETAL®

Chemetal is a massive collection of metal designs + laminates for interior spaces. We produce many designs in-house; deeply brushing, aging and adding patina. Our designs are unique works of art, created with a manufacturing consistency. We also source some of the best metal designs the world over. It adds up to the most expansive collection of metal designs for interiors you’ll find. Located in Western Massachusetts, Chemetal is a 2nd generation family-owned company that has been in business for over 50 years.

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Chemetal Collection

#150 - #600 Series

Order free samples at chemetal.com

#906

#349

#703

Rocycle
#701

#620

For those with a finer appreciation of the classics.

Classic Metals

#700 / #800 / #900 Series

HPL Classics
#700 Series

+ Metal foil fused to laminate backer
+ HPL laminate backer offers increased impact resistance
+ Easy to fabricate/apply like laminates
+ Budget brushed/stainless alu. options
+ European quality, made in Germany

Traditional Classics
#800 Series

+ Impressive depth, rich design
+ Contributes to LEED
+ Material without backer can be bent or adhered to substrate for clean edge
+ 2’ width, 8’ and 10’ length, plus custom lengths and sizes

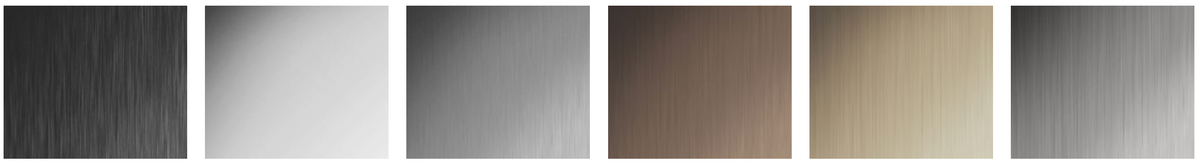
Anodized Classics
#900 Series

+ Durable anodized aluminum
+ Can be bent or adhered directly to substrate for clean edge
+ Aluminum is a soft metal, fabricated with woodworking equipment
+ Contributes to LEED
+ Available with low pressure backer or as equivalent HPL match in #700 series
+ 4’ width, 8’ and 10’ lengths, plus custom lengths and sizes.
+ Made in USA

Classic Metals

700 / 800 / 900 Series

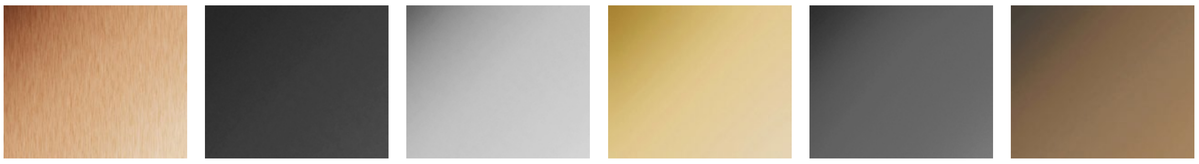
#701 #702 #703 #704 #706 #712



#717 #719 #720 #721 #724 #727

#791 #796 #801 #802 #803 #804

#812 #814 #901 #902 #903 #904



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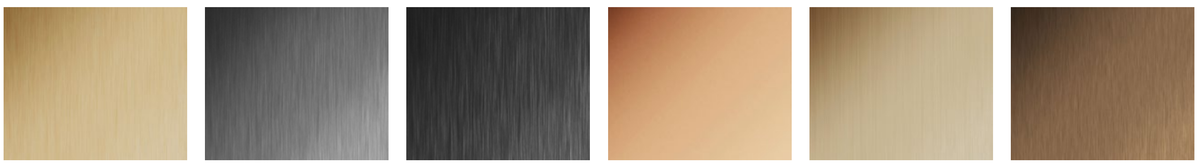

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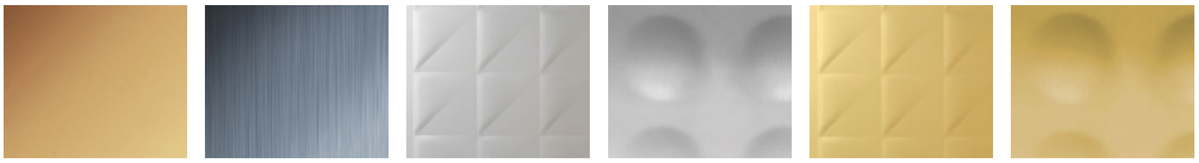

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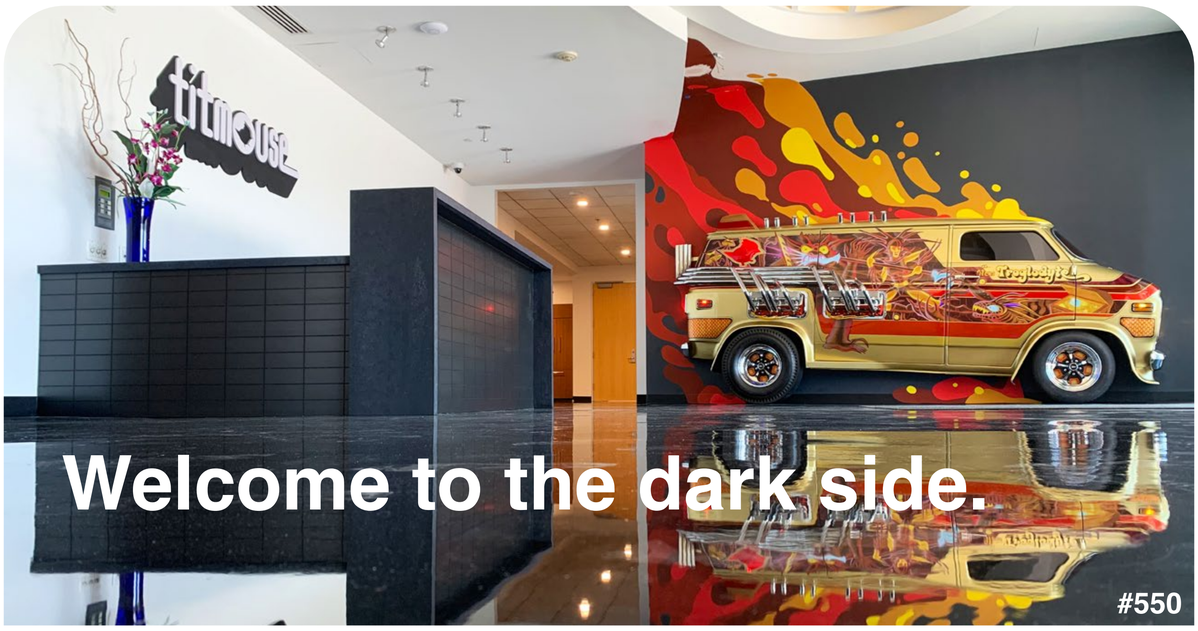
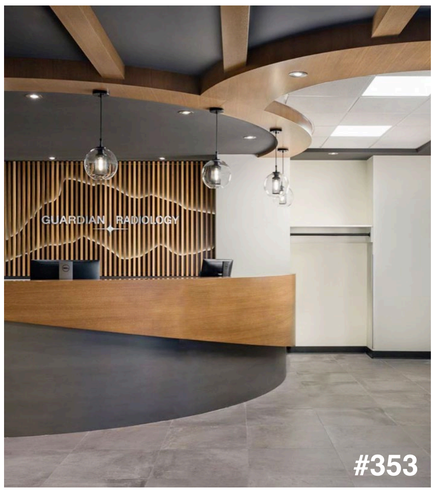
#943-T #943-D Food Truck Majestic Waterworld



Welcome to the dark side.

#550

Chemetal's ALU designs as well as other aged, darkened and blackened metals are useful ways to emulate the look of blackened steel. Lighter, easier to fabricate, and usually more affordable, these designs have interesting linear variation and subtle grey and color tones that work well in interior spaces.



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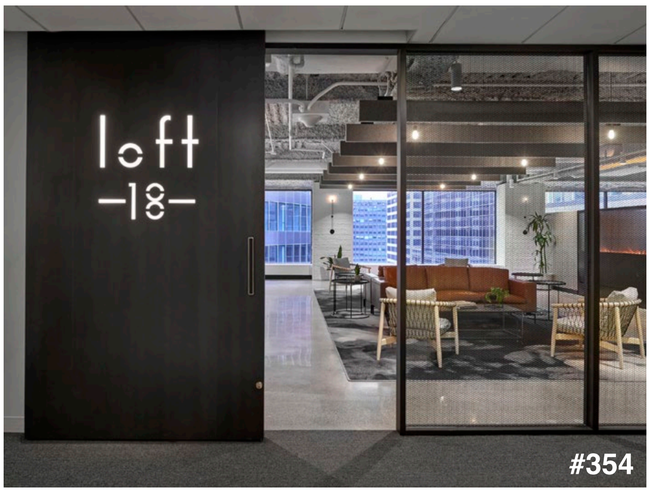

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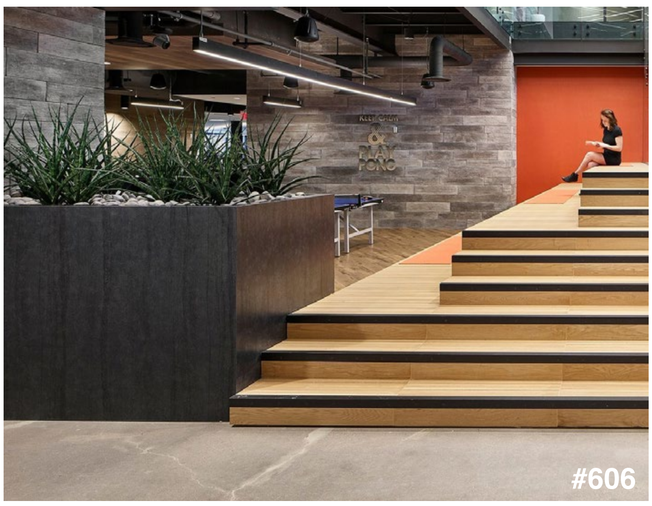
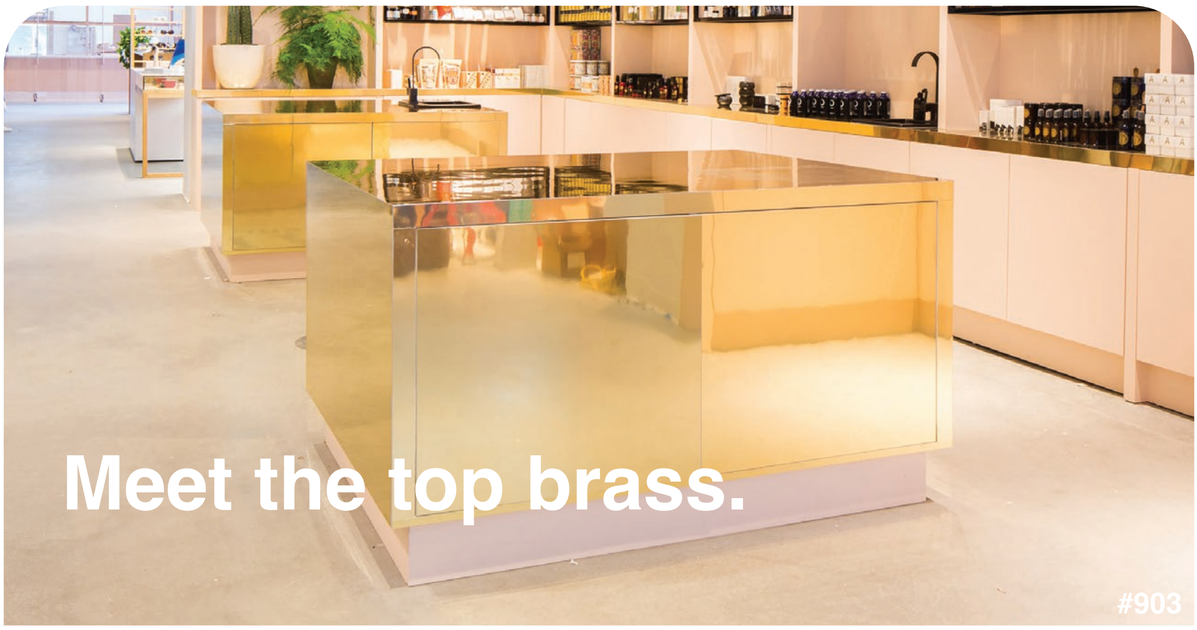


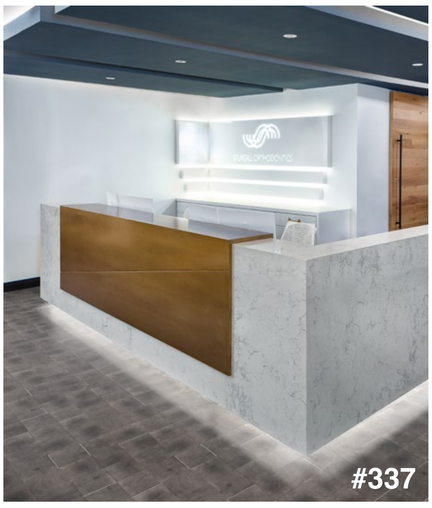
#606

#354



Meet the top brass.

Brass is a fascinating metal, alive with a range of appearances, like aged and polished, as well as different colors and tones. Chemetal offers an impressive collection, in both real brass and brass looks in aluminum, all with different aging, brushing, and variations.



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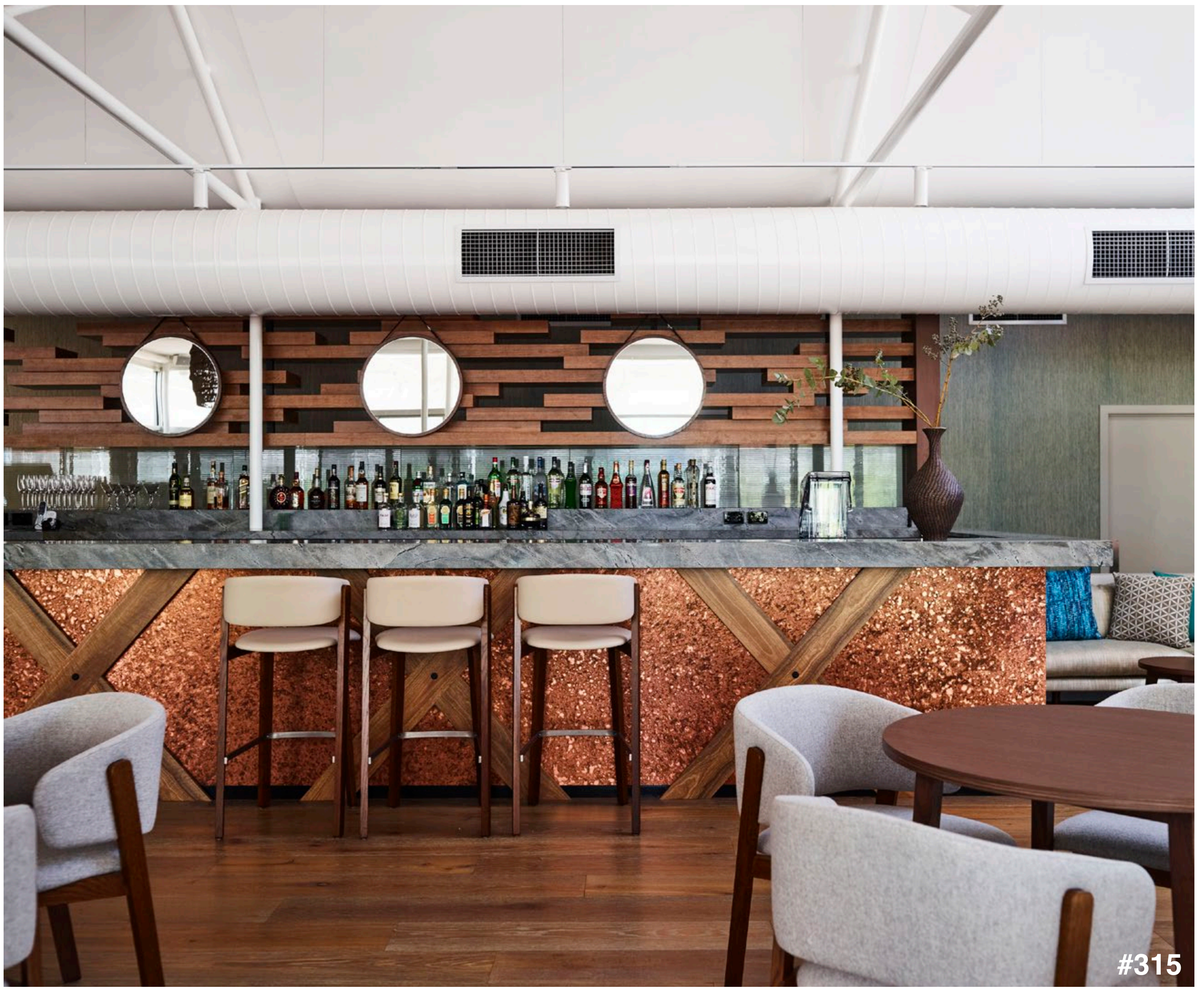
#904

5F
#354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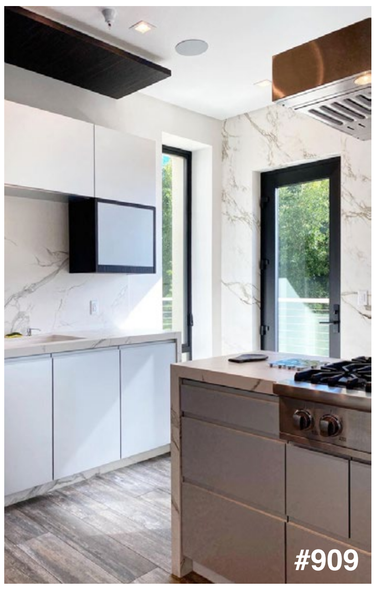
#601 / #608


#909

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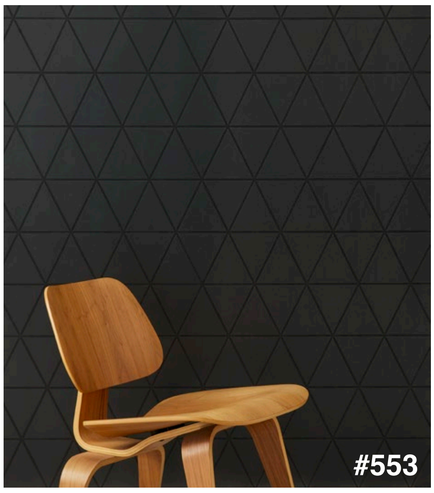
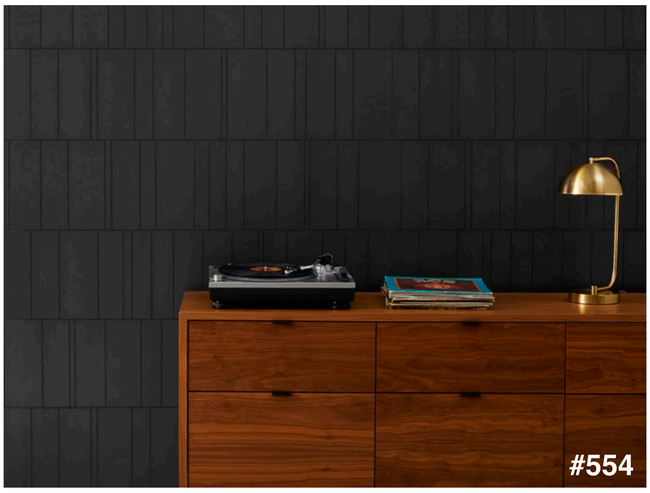
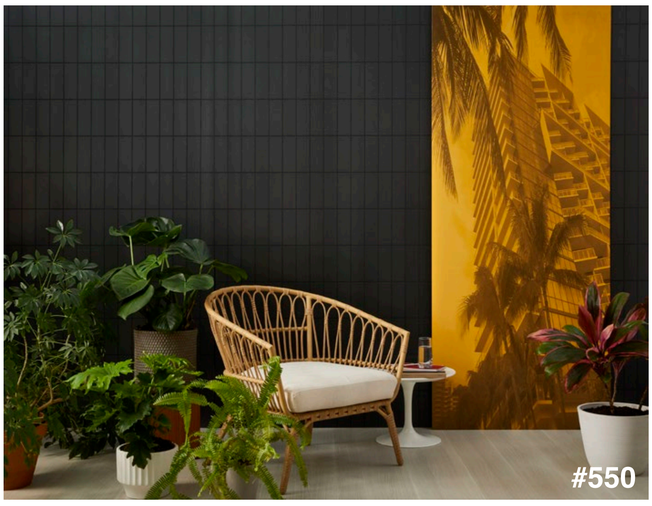
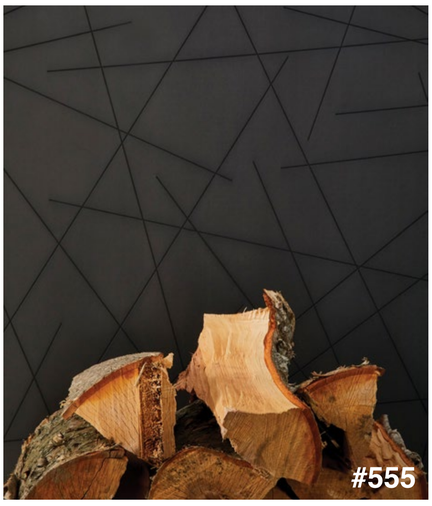
Surface Mode: Carve

New designs on thicker metals. We took our popular ALU designs, put them on thicker .09” aluminum and added CNC designs. These darkened designs don’t need lamination, they are rigid enough to attach mechanically and are easily re-purposed or recycled. Six standard designs plus custom patterns/sizes.





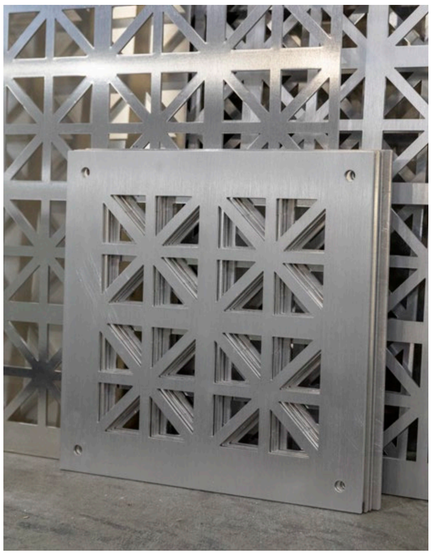




New Designs

2023

A quick look at what's coming in 2023. Laser cut designs in splashy, powder-coated colorways, classic designs that can layer, come off the wall and create special dimension. Plus more custom capabilities.



Sustainability

Almost as easy to recycle as a soda can. Many of Chemetal's designs are made from aluminum, one of the most recycled materials on the planet, and qualify for LEED. Additionally, Chemetal is dedicated to providing the design community with sustainable materials and partners with several organizations to provide product transparency. Taking it further, Chemetal derives approximately 50% of its energy f rom a nearly 1000 solar panel rooftop array.

Let's Connect

Follow us on social media to scroll through our regularly updated feed of project photos and news from Chemetal, Treefrog and InteriorArts.

@chemetal.treefrog.interiorarts

Sign up for email alerts to see new designs, free samples and project photos that inspire.

chemetal.com/lets-connect

Download resources online including complete technical data, order forms, sales tools and more.

chemetal.com/tech-info

Chemetal Product Reference

			Thickness (in inches)			
Magnetic and Dry Erase	Sheet Size	Base Metal	HPL	Phenolic	Metal	Weight sq ft
150 HPL Magnetic Board	4' x 8'	Iron/Melamine	.033			.58 lb / sq ft
151 Black Magnetic Chalkboard	4' x 8'	Iron/Melamine	.033			.58 lb / sq ft
152 White Gloss Magnetic Dry Erase	4' x 8' , 4' x 10'	Iron/Melamine	.043			.58 lb / sq ft
160 White Gloss Magnetic Dry Erase	4' x 8', 4' x 10'	Steel		.05	.023	.94 lb / sq ft
200 Series	Sheet Size	Base Metal	HPL	Phenolic	Metal	Weight sq ft
216 Footplate	4' x 8'	Aluminum	.055			.42 lb / sq ft
217 Reptilian	4' x 8'	Copper	.055			.42 lb / sq ft
218 Cobblestone	4' x 8'	Copper	.055			.42 lb / sq ft
221 Argenta	4' x 8'	Aluminum	.055			.42 lb / sq ft
227 Venetian Horizontal	4' x 8'	Aluminum	.055			.42 lb / sq ft
230 Moonscape	4' x 8'	Copper	.055			.42 lb / sq ft
231 Metawave	4' x 8'	Aluminum	.055			.42 lb / sq ft
232 Metawave Dark	4' x 8'	Aluminum	.055			.42 lb / sq ft
236 Metawave Bronze	4' x 8'	Aluminum	.055			.42 lb / sq ft
239 Metawave Black	4' x 8'	Aluminum	.055			.42 lb / sq ft
253 Metropolis	4' x 8'	Aluminum	.055			.42 lb / sq ft
262 Red Rock	4' x 8'	Copper	.055			.42 lb / sq ft
275 Vintage Mesh	4' x 8'	Aluminum	.055			.42 lb / sq ft
300 Series	Sheet Size	Base Metal	HPL	Phenolic	Metal	Weight sq ft
303 Aged Copper	2' x 8', 2' x 10'	Copper		.042	.016	.94 lb / sq ft
305 Antique Brushed Brass Dark	2' x 8', 2' x 10'	Brass		.044	.016	.89 lb / sq ft
310 Antiqued Brushed	2' x 8', 2' x 10'	Brass		.044	.016	.89 lb / sq ft
314 Mayan	4' x 8', 4' x 10'	Copper	.043			.344 lb / sq ft
315 Canterbury	4' x 8', 4' x 10'	Copper	.043			.344 lb / sq ft
317 Aurora	4' x 8', 4' x 10'	Copper	.043			.344 lb / sq ft
325 Statuary	2' x 8', 2' x 10'	Brass		.044	.016	.89 lb / sq ft
337 Aged Brass	2' x 8', 2' x 10'	Brass		.044	.016	.89 lb / sq ft
338 Aged Brass Dark	2' x 8', 2' x 10'	Brass		.044	.016	.89 lb / sq ft
340 Monet	4' x 8', 4' x 10'	Copper	.043			.344 lb / sq ft
346 Graphite	4' x 8'	Aluminum		.05	.020	.284 lb / sq ft
352 Alu Lite	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
352-09 Alu Lite	4' x 8'	Aluminum			.09	1.25 lb / sq ft
353 Alu Medium	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
353-09 Alu Medium	4' x 8'	Aluminum			.09	1.25 lb / sq ft
354 Alu Dark	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
354-09 Alu Dark	4' x 8'	Aluminum			.09	1.25 lb / sq ft
357 Zinc Aluminum	4' x 8'	Aluminum		.05	.020	.284 lb / sq ft
400 Series	Sheet Size	Base Metal	HPL	Phenolic	Metal	Weight sq ft
406 Circles	4' x 8'	Aluminum		.05	.020	.284 lb / sq ft
413 Linear (tints available)	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
414 Nomadic (tints available)	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
427 Placid (tints available)	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
440 Crescendo (tints available)	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
550 Series	Sheet Size	Base Metal	HPL	Phenolic	Metal	Weight sq ft
511 Powder Coated Black	4' x 8'	Aluminum			.09	1.25 lb / sq ft
512 Powder Coated Black 2 Sided	4' x 8'	Aluminum			.09	1.25 lb / sq ft
550 Barcelona	4' x 8'	Aluminum			.09	1.25 lb / sq ft
551 Dawn Patrol	4' x 8'	Aluminum			.09	1.25 lb / sq ft
552 Good Chemistry	4' x 8'	Aluminum			.09	1.25 lb / sq ft
553 Budapest	4' x 8'	Aluminum			.09	1.25 lb / sq ft
554 Milan	4' x 8'	Aluminum			.09	1.25 lb / sq ft
555 Sapporo	4' x 8'	Aluminum			.09	1.25 lb / sq ft
600 Series	Sheet Size	Base Metal	HPL	Phenolic	Metal	Weight sq ft
600 Weathered Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
601 Deep Bronze Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
606 Blackened Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
607 Core Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
608 Gotham Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
609 Gilt Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
610 Khaleesi Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
613 Ember Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
614 Beowulf Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
620 Civilization Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
624 Protodynastic Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
625 Existential Aluminum	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft

Chemetal Product Reference *cont.*

			Thickness (in inches)			
700 Series	Sheet Size	Base Metal	HPL	Phenolic	Metal	Weight sq ft
701 Polished Aluminum	4' x 8', 4' x 10'	Aluminum	.038			.316 lb / sq ft
702 Brushed Aluminum	4' x 8', 4' x 10'	Aluminum	.032			.316 lb / sq ft
703 Polished Brass Aluminum	4' x 8', 4' x 10'	Aluminum	.038			.316 lb / sq ft
704 Brushed Light Brass Aluminum	4' x 8', 4' x 10'	Aluminum	.032			.316 lb / sq ft
706 Satin Copper	4' x 8', 4' x 10'	Copper	.032			.316 lb / sq ft
712 Brushed Stainless Steel	4' x 8'	Steel	.032			.316 lb / sq ft
717 Black Brushed Aluminum	4' x 8'	Aluminum	.032			.316 lb / sq ft
719 Satin Silver Aluminum	4' x 8', 4' x 10'	Aluminum	.032			.316 lb / sq ft
720 Brushed Smoked Aluminum	4' x 8', 4' x 10'	Aluminum	.032			.316 lb / sq ft
721 Oiled Bronze Aluminum	4' x 8', 4' x 10'	Aluminum	.032			.316 lb / sq ft
724 Champagne Brushed Aluminum	4' x 8'	Aluminum	.032			.316 lb / sq ft
727 Light Stainless Steel Aluminum	4' x 8', 4' x 10'	Aluminum	.032			.316 lb / sq ft
791 Natural Brushed Aluminum	4' x 8', 4' x 10'	Aluminum	.032			.316 lb / sq ft
796 Stainless Steel Aluminum	4' x 8', 4' x 10'	Aluminum	.032			.316 lb / sq ft
800 Series	Sheet Size	Base Metal	HPL	Phenolic	Metal	Weight sq ft
801 Polished Chrome	2' x 8', 2' x 10'	Brass		.042	0.016	.89 lb / sq ft
802 Satin Chrome	2' x 8', 2' x 10'	Brass		.042	0.016	.89 lb / sq ft
803 Polished Solid Brass	2' x 8', 2' x 10'	Brass		.042	0.016	.89 lb / sq ft
804 Satin Solid Brass	2' x 8', 2' x 10'	Brass		.042	0.016	.89 lb / sq ft
812 Satin Smoked Chrome	2' x 8', 2' x 10'	Brass		.042	0.016	.89 lb / sq ft
814 Satin Golden Bronze	2' x 8', 2' x 10'	Bronze		.042	0.016	.92 lb / sq ft
900 Series	Sheet Size	Base Metal	HPL	Phenolic	Metal	Weight sq ft
901 Polished Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
902 Brushed Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
903 Polished Brass Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
904 Brushed Light Brass Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
906 Brushed Copper Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
908 Satin Black Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
909 Satin Silver Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
910 Satin Gold Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
911 Polished Smoked Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
912 Satin Bronze Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
915 Brushed Brass Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
916 Brushed Pewter Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
917 Brushed Black Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.42 lb / sq ft
919 Satin Copper Aluminum	4' x 8', 4' x 10'	Aluminum			.025	.359 lb / sq ft
924 Bronze Stainless Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
925 Brushed Medium Bronze Alum.	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
927 Light Stainless Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
931 Brushed Golden Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
934 Light Bronze Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
935 Dark Bronze Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
936 Champagne Brass Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
937 Antique Copper Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
943 Polished Bronze Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
950 Brushed Blued Aluminum	4' x 8', 4' x 10'	Aluminum		.055	.025	.359 lb / sq ft
Large Format Designs	Sheet Size	Base Metal	HPL	Phenolic	Metal	Weight sq ft
349 Factory	4' x 8'	Aluminum		.05	.020	.284 lb / sq ft
350 Factory Dark	4' x 8'	Aluminum		.05	.020	.284 lb / sq ft
420 Cascade (tints available)	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
423 Swirled Copper	2' x 8', 2' x 10'	Copper		.042	.016	.756 lb / sq ft
501 Noodle Bar (tints available)	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
504 Grasshopper (tints available)	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
505 Butterfly Effect (tints available)	4' x 8', 4' x 10'	Aluminum		.05	.020	.284 lb / sq ft
901 -T Clear Polished Triangles	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
903 -T Brass Polished Triangles	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
943 -T Bronze Polished Triangles	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
901 -D Clear Polished Dome	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
903 -D Brass Polished Dome	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft
943 -D Bronze Polished Dome	4' x 8'	Aluminum		.055	.025	.359 lb / sq ft

See them all and order free samples at chemetal.com

Chemetal Technical Data

Below please find an abbreviated version of our technical data. Complete technical data is viewable and available for download along with more information at chemetal.com.

USE:

Chemetal metal designs and laminates are recommended for interior use on vertical and light-duty horizontal surfaces. Please contact Chemetal if you are uncertain about the use of Chemetal in any application. Caution should be taken on surfaces that may be exposed to harsh chemicals, acidic beverages (alcohol, colas, etc.) without cleaning surface for lengthy periods of time.

STORAGE:

Store flat, not on edge. The laminates should be stored face-up in a cool, dry area and in a completely supported flat position. Use a top sheet of chipboard or similar material to hold stored sheets flat. Protect material from twist, rack and edge damage.

HANDLING:

Many Chemetal designs are solid aluminum and may distort or kink if handled incorrectly. To prevent surface distortion, large sheets should be handled by two people and transported face up. Additionally, please view our “How to Handle Chemetal" video at chemetal.com under Downloads>Videos.

PROTECTIVE MASK:

Although Chemetal is supplied with a protective mask, care should be taken when handling. Exposure of masked sheets to light or heat for long periods of time may cause problems with the removal of the protective mask. It is recommended to leave mask on surface of the laminates during fabrication. Additionally, masking tape, or extra protection in routing work, may be applied over the protective mask. Color uniformity and other quality checks should be carried out on the sheets beforehand by lifting up the edge of the mask and laying or taping back down.

CLEANING AND MAINTENANCE:

Clean with a soft cloth using mild soap and water or nonabrasive glass and metal cleaning liquids.
Do not use ammonia, abrasive cleaners or pads, or harsh solvents. Magnetic board should be cleaned with magnetic board cleaner.

SHIPPING:

Many Chemetal designs may be rolled for shipping. Magnetic laminates (150 Series and #160), solid metal sheets and sheets with a low pressure laminate backer added cannot be rolled. The exception: 24” wide designs with low pressure laminate backer. Chemetal recommends that all sheets of solid metal be shipped flat. The customer assumes all responsibility for sheets of solid metal that are rolled and shipped in a carton(s). When materials are rolled, care must be taken to avoid bending. Do not compress coils. Material with a backer must have the face out. Rolling with the face in will crack the backing material. Roll loosely to a minimum diameter of 18 inches. Chemetal cannot roll sheets of 48” wide metal that are backed with a low pressure laminate backer, these must be shipped flat.

All HPL backed Chemetal (200 and 700 Series) may be rolled and shipped in a carton. It is often cost effective to ship HPL backed Chemetal flat for orders greater than four sheets.

DIRECTIONAL ARROWS ON SHEETS:

Many Chemetal designs are marked on protective mask or label with directional arrows, indicating direction of finish. With multiple sheet installations, sheets must be installed with arrows pointing in same direction, otherwise sheets may reflect light differently and not match up.

CHEMETAL SUBSTRATE AND ADHESIVE CONDITIONING:

We recommend that all Chemetal materials, and the adhesives and substrates they are to be bonded to, remain in the same environment for a period of five to seven days for optimal pre-conditioning. A minimum of 48 hours is recommended for pre-conditioning. These times are recommended although decorative metal laminates have minimal dimensional change.

Chemetal should not be used in areas exposed to water, moisture, high humidity or high heat for prolonged periods of time. Do not use Chemetal in exterior installations except noted 600 Series designs.

LOW PRESSURE LAMINATE BACKER LIMITATIONS:

Chemetal 200 and 700 Series and some 300 Series designs are high pressure laminates. All other materials are solid metal with a backer option. When a laminate backer is added to any other Chemetal product # or Series, this is a low pressure laminate backer. Low pressure laminates cannot be used with hot melt glue systems and edgebanding machines that adhere at temperatures in excess of 150 degrees Fahrenheit.

RECOMMENDED SUBSTRATES:

Proper substrates must be used and careful bonding procedures observed. Substrates should be good quality plywood, high density particleboard, fiberboard or MDF. Do not use drywall, plaster, concrete or gypsum board. Substrate should be a smooth surface free of debris, dirt and imperfections. Inconsistencies in substrate surface will project through and show in finished product.

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