Ceiling Panel Systems

P

PANEL

< EuroStone™ - Ray Meyer Fitness & Recreation Center, DePaul University, *Chicago, IL*

DIVING

P

PANEL

Ceiling Panel Systems

PREMIUM

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CONTROLLED ENVIRONMENT

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DynaGlass™ Wall p70

DynaGlass™ Grid p70

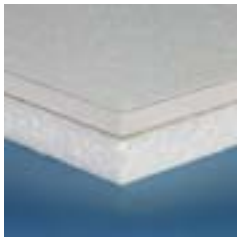
Panel Product Cross Reference Guide p72

Chicago Metallic®

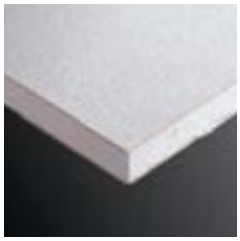
Monarch GE

EuroStone

Soft Touch



BarrierPan



Endure

DynaGlass

Panels from Chicago Metallic offer the design community multiple options. Panels can be specified for working spaces, healing spaces, active spaces and precision assembly spaces. Aesthetics and acoustical performance requirements can be satisfied with any one of CMC's panel systems.

Environmentally friendly EuroStone panels are quickly becoming the benchmark panel in transforming expectations. This unique blend of inorganic perlite can be specified for the most hostile of environments offering the best defense against mold and bacterial growth. Design vision is achievable with the variety of surface textures and edge details available. The complete system is resolved by specifying grid from Chicago Metallic.

BarrierPan panels are the choice in environments requiring particulate, temperature and humidity control. Paired with BarrierGrid, this Barrier System presents a complete ceiling solution for controlled environment facilities.

Endure panels are one choice for controlled environment (clean room) applications. The 2-mil vinyl-laminate surface is cleanable and impact resistant. This panel system is a low-cost solution for a variety of applications.

Harsh environments require a panel system that accepts frequent and deep cleaning. DynaGlass Panels meet this specification head-on. The surfaces are resistant to most harsh chemicals, solvents, milk acids and alkalis.

Panels from Chicago Metallic. Clinically correct. Design considerate.

Monarch™ GE

Premium Ceiling Panel
09 54 33 - 09 56 13

$$$$

POPULAR APPLICATIONS

Ideal for environments requiring rich, elegant, dramatic ceilings.

QUICK FACT

Add a decorative stain to Monarch GE to complement wall finishes.

FEATURES

- Lightweight design for ease of handling and cutting.
- Factory cutouts available for light fixtures, speakers, etc.
- Open coffer (accepts acoustical insert).
- No hold down clips required.
- Washable and portable.
- Optional factory applied paints and stains.

BENEFITS

- Extraordinary aesthetic appeal.
- Ease of cutting reduces installation costs versus competitive panels.
- Dimensionally stable. Will not warp, sag or shrink.
- Contains 70% post consumer recycled glass. 100% recyclable at end of useful life.
- May support eligibility for USGBC LEED Certification Credit.
- Optional panel patterns, see page 58.
- Stains available, see page 59.

For more detailed product information, submittals or specifications, refer to the companion CD-ROM or visit: chicagometallic.com.

Premium Ceiling Panels

2.02 PRODUCTS panel type	SPECIFICATIONS	Monarch GE
material	panels - lightweight glass enhanced gypsum	•
	optional acoustical panel inserts - fiberglass fabric face (white only)	•
surface	smooth, textured, sculpted[1]	•
size	24" x 24" (nominal)	•
edge	reveal for 15/16"*	•
patterns	coffer, open coffer, flat and perimeter	•
light	LR = 0.83 per ASTM E 1477	•
fire	class A; flame 10, smoke 15 per ASTM E 84	•
suspension	15/16"	•
classification	type XX, pattern G, per ASTM E 1264	•
warranty	3 year limited	•
sustainability	70% post consumer recycled glass, 100% recyclable at end of useful life	•

1 - Available with factory-applied stain or paint.
* Optional 9/16" grid. Minimum quantities apply.

NEW - FAUX WOOD FINISHES!

Mahogany

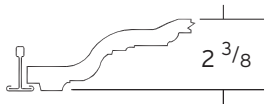
Antique

Dark Oak

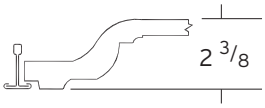
ELEGANT. DURABLE. FUNCTIONAL.

Monarch GE premium ceiling panels offer extraordinary aesthetic appeal to ceiling design for wide-ranging interior applications. Glass Enhanced Gypsum panels replicate classic architectural styles in a wide variety of design patterns and colors. Monarch GE is a refined choice in challenging environmental conditions.

Holiday Inn, *Skokie, Illinois*

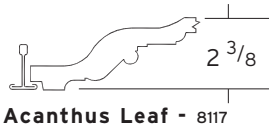


Linear Tuscan - 8114



Egg & Dart - 8115

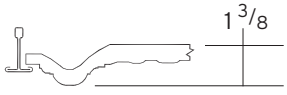
Dentil Corinthian - 8116



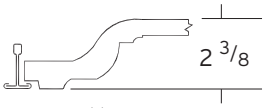
Acanthus Leaf - 8117

Classic Linear - 8124

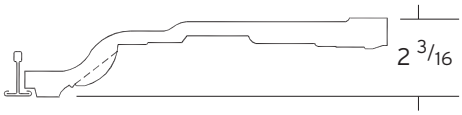
Classic Pearl - 8125



Clover Fret - 8126

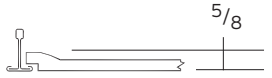


Rosette - 8128

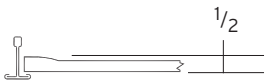


Modern Spheres - 8118

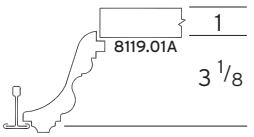
Deco Shapes - 8127



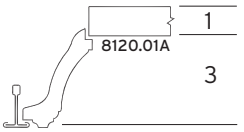
Filler - 8129 (reveal)



Filler - 8130 (no reveal)



Crown - 8119



Cove - 8120

Monarch™ GE

Premium Ceiling Panel
09 54 33 - 09 56 13

Linear Tuscan
8114

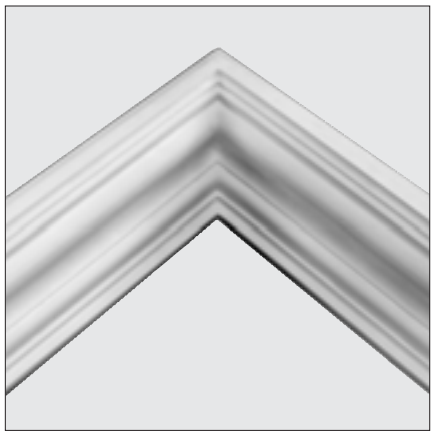
Egg & Dart
8115

Dentil Corinthian
8116

Acanthus Leaf
8117

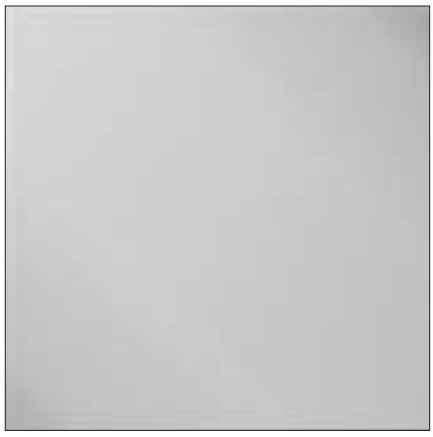
Modern Spheres
8118

Open Coffer (with acoustical panel option)



Crown
8119

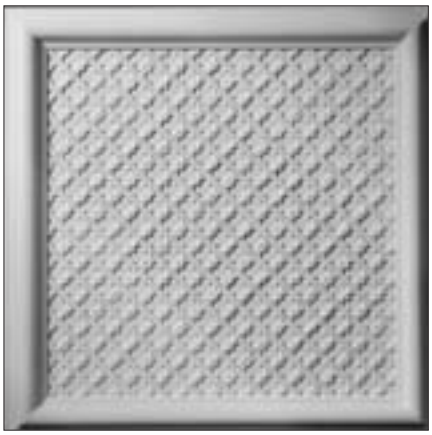
Cove
8120



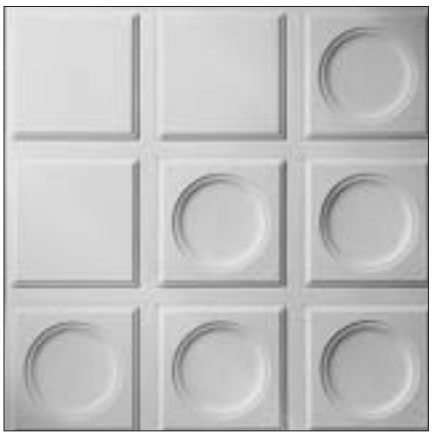
Acoustical Panel Insert
Crown 8119.01A
Cove 8120.01A

Classic Linear
8124

Classic Pearl
8125

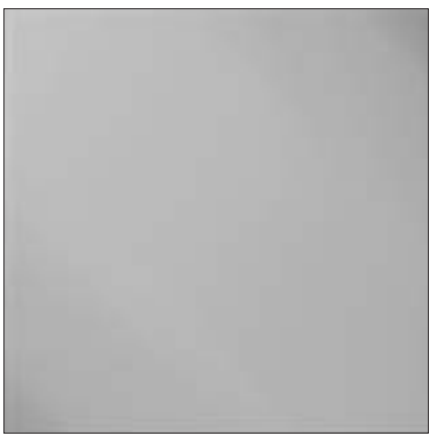


Clover Fret
8126



Deco Shapes
8127

Rosette
8128



Filler
Reveal edge - 8129
No reveal edge - 8130

Stains

Mahogany
70

Antique
71

Dark Oak
72

EuroStone™

Premium Ceiling Panel
09 51 13

POPULAR APPLICATIONS

Hospitals, hospitality, retail, airports, transit, offices, pools, stadiums, classrooms, corridors.

QUICK FACT

Ideal for pools where humidity and harsh chemicals abound.

FEATURES

- Unique inorganic, perlite blend supports indoor air quality while offering the best defense against harmful mold and bacteria growth without coatings or biocides.
- Contains no performance-enhancing chemicals used on other ceiling panel products that will harm the environment through decay or off-gassing.
- Won't rot, decay, sag or warp even in the harshest environments.
- The Chicago Metallic recycling program for used EuroStone ceiling panels expands the product's useful life.
- May be eligible for USGBC LEED® certification credit.
- Delivers the best life-cycle cost return on investment of any ceiling panel in its class.
- Optional panel patterns, see page 62.
- Colors available, see page 63.

Premium Ceiling Panels

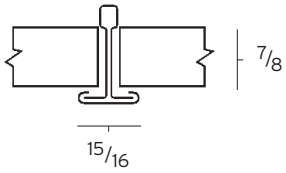
2.02 PRODUCTS	SPECIFICATIONS	EuroStone		
panel type		Terric, Montreaux, Cresta	Tetrum, Novum, Windsor	Kalypso! (A and B patterns)
material	inorganic volcanic perlite	•	•	•
	white color	•	•	•
	colors (minimum order requirements apply)	•	•	•
surface	fine, medium, bold	•		
	fine, scored		•	
	fine, sculpted			•
size	7/8" x 24" x 24"	•	•	•
edge	square for 15/16"	•		
	reveal for 9/16" and 15/16" grid	•	•	•
indoor air quality	0 voc's, 0 fiber release rated 10 per ASTM D 3273	•	•	•
fire	class A: flame 0, smoke 0, per ASTM E 84	•	•	•
light	LR - 0.76 per ASTM E 1477	•	•	•
sound	NRC - 0.65 per ASTM C 423	•	•	•
thermal performance	R-1.275 (R-value calculated based on ASTM Test Method C177)	•	•	•
stability	CAC - 37 per ASTM E 1414	•	•	•
	120° F and 100% RH	•	•	•
classification	type XX, pattern E per ASTM E 1264	•		
	type XX, pattern E, K per ASTM E 1264		•	•
suspension	9/16", 15/16"	•	•	•
warranty	40 year limited lifetime with Protection Plus program	•	•	•
sustainability	100% locally recyclable	•	•	•

THE SUSTAINABLE. AND TRANSFORMATIVE.

Transform expectations of what it means to protect the environment. EuroStone is made of inorganic perlite, which contains no fibers or organic compounds. A variety of surface textures gives you flexibility in creating attractive, healthy and sustainable ceilings.

Dolphins Stadium, *Miami, Florida*

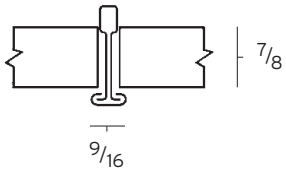
15/16" Square



Terric
8551.01

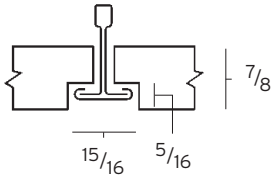
Montreaux
8552.01

9/16" Square



Montreaux
8552.01

15/16" Reveal



Terric
8601.01

Montreaux
8602.01

Cresta
8606.01

Novum
8615.01

Windsor
8617.01

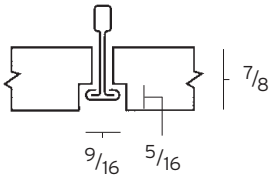
Tetrum
8619.01

Kalypso!
8631.01A

Kalypso!
8631.01B

Kalypso!
8631.01AB

9/16" Reveal



Terric
8651.01

Montreaux
8652.01

Cresta
8656.01

Novum
8665.01

Windsor
8667.01

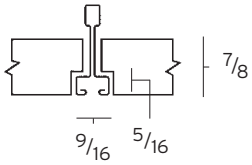
Tetrum
8669.01

Kalypso!
8630.01A

Kalypso!
8630.01B

Kalypso!
8630.01AB

Ultraline 9/16" Slotted



Terric
8640.01

Montreaux
8641.01

Cresta
8642.01

Kalypso!
8632.01

EuroStone™

Premium Ceiling Panel
09 51 13

Terric - Fine texture
8601.01, 8651.01

Montreaux - Medium texture
8602.01, 8652.01

Cresta - Bold texture
8606.01, 8656.01

Tetrum* - Four 12" squares
8619.01, 8669.01

DESIGN WITH PATTERNS. OR WHIMSY.

In addition to a variety of surface textures, EuroStone sustainable panels are available with attractive patterns and intriguing scores. Kalypso!, for instance, was inspired by the vision of a sandy beach sculpted by wind and waves.

Novum* - Nine 8" squares
8615.01, 8665.01

Windsor* - Border score
8617.01, 8667.01

Kalypso!* - Sculpted texture
8631.01A, 8631.01B, 8631.01AB,
8630.01A, 8630.01B, 8630.01AB

** with Terric texture.*

EuroStone™
earthtones®
COLORS INSPIRED BY NATURE

Frisco Conference Center, *Frisco, Texas*

Adobe

▽ CMC Grid Color Options

28 Tan

112 Sand Dollar

Manilla

▽ CMC Grid Color Options

47 Cameo

431 White Wash

Cameo

▽ CMC Grid Color Options

425 Wet Clay

431 White Wash

Fossil

CMC Grid Color Options

428 Yellow Flash

432 Blondewood

Yellow Flash

▽ CMC Grid Color Options

428 Yellow Flash

432 Blondewood

Cocoa Shell

▽ CMC Grid Color Options

25 Adobe

03 Bronze

Silver

▽ CMC Grid Color Options

429 Silver Lining

Warning! EuroStone Earthtones color names are not automatic matches with grid colors of the same name.

White

CMC Grid Color Options

01 White

520 Polar White

Soft Touch™

Utility Ceiling Panels
09 51 13

DESIGN THAT RESONATES AND ABSORBS.

Whether you're looking for premium sound absorption for an open plan design, or an economical alternative for a commercial space—your concern for aesthetics remains central. That said, consider the strengths of Soft Touch.

POPULAR APPLICATIONS

Hospitals, hospitality, retail, airports, transit, galleries, offices.

QUICK FACT

Alternative for easy maintenance and high acoustical value and energy savings.

FEATURES

- Reduces noise and increases speech privacy.
- Stays flat.
- Fiberglass with 2 mil embossed vinyl finish.
- Perforated option available.
- Washable. Will not warp, sag or shrink.
- Moisture resistant, energy saving, high R values.
- Nubby – fiberglass with woven fiberglass fabric facing.

For more detailed product information, submittals or specifications, refer to the companion CD-ROM or visit: chicagometallic.com.

Nubby

Capri

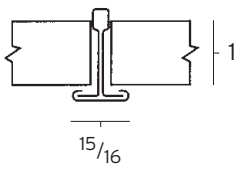
Cyprus

Coral

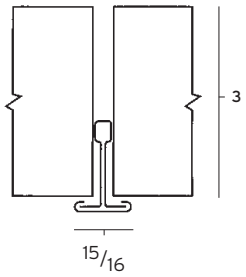
Chateau

2.02 PRODUCTS SPECIFICATIONS		Soft Touch		
panel type		Nubby	Capri, Cyprus, Coral	Chateau
material	fiberglass substrate with textured laminated USDA accepted 2 mil vinyl facing		•	•
surface	textured	•	•	•
size	1": 2' x 2'	•	•	•
	1": 2' x 4', 4' x 4'	•	•	•
	3": 2' x 2', 2' x 4'		•	•
edge	square for 9/16" and 15/16" grid	•	•	•
fire	class A: flame, smoke per ASTM E 84	15, 15	25, 50	25, 50
light	LR - per ASTM E 1477	0.85	0.79	0.79
sound	NRC, CAC - 1"		0.75, 20[1]	
	NRC, CAC - 1" perforated		0.90, 20[1]	
	NRC, CAC - 3"			0.90, 30[1]
	NRC, CAC - 3" perforated			1.00, 30[1]
stability	104° F and 95% RH	•	•	•
classification	per ASTM E 1264	type XII, form 2, pattern C, E, I	type XII, form 1, pattern C, E, I	type XII, form 1, pattern C, E, I
warranty	10 year limited	•	•	•
sustainability	recycled content: 20-30% fiberglass, 53-63% mineral fiber, 100% recyclable (excluding facing)	65%, 100%	65%, 100%	65%, 100%

1 - CAC values for fiberglass panels with optional foil backing.

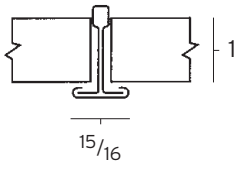


Nubby
7502.01N, 7510.01N, 7511.01N, 7512.01N, 7513.01N, 7515.01N, 7517.01N



Chateau
7139.01F, 7137.01F

Capri, Cyprus, Coral
7149.01F, 7147.01F, 7129.01F, 7127.01F, 7119.01F, 7117.01F



Capri, Cyprus, Coral
7143.01F, 7140.01F, 7141.01F, 7123.01F, 7120.01F, 7121.01F, 7113.01F, 7110.01F, 7111.01F

Chateau
7133.01F, 7130.01F, 7131.01F.

Endure™

Controlled Environment Ceiling Panels
09 51 13

POPULAR APPLICATIONS

Hospitals, clean rooms, airports, transit, offices, bathrooms, food prep areas, labs.

QUICK FACT

Endure is ideal for ceilings that require repeated cleaning.

FEATURES

- 1/2" firecode gypsum boards.
- USDA FSIS accepted 2 mil vinyl laminate face or face and back with sealed edges.
- Use with 15/16" or 1 3/8" suspension with or without gasket seal.
- Dimensionally stable (104ºF / 95% RH).
- Panel weight (2 lbs/sq.ft.) resists uplift.
- Economical infill panel for clean process areas.
- Washable.
- Impact resistant.

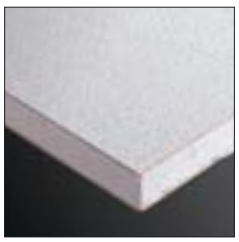
For more detailed product information, submittals or specifications, refer to the companion CD-ROM or visit: chicagometallic.com.

Controlled Environment Ceiling Panels

2.02 PRODUCTS panel type	SPECIFICATIONS	Endure
material	fire code gypsum	•
surface	USDA accepted 2 mil laminated vinyl facing	•
size	1/2" x 2' x 2', 1/2" x 2' x 4'	•
edge	square for 15/16" and 1 3/8" grid	•
indoor air quality	voc not established, 0 fiber release	
fire	Class A: per ASTM E 84	•
	2 hr per UL G222 (2' x 2') and 1 1/2 hr per UL G259 (2' x 4')	•
light	LR - 0.88 per ASTM E 1477	•
sound	CAC - 40 per ASTM E 1414	•
stability	104º F and 90% RH	•
classification	type XX, pattern G per ASTM E 1264	•
warranty	10 year limited	•
sustainability	12% recycled content by weight	•

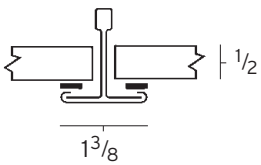
UTILITY DRIVES INNOVATION.

When the creating and maintaining of a clean space is essential, Endure meets the challenge. Washable vinyl laminate facing gives users hygienic, durable ceilings with easy maintenance.

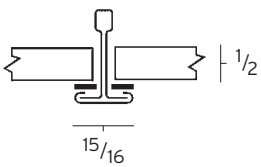


Endure
7773.01V
7771.01V

Endure shown with Designer BarrierGrid™



Endure shown with Traditional BarrierGrid™



Reference page 92 for applicable suspension for controlled environment applications.

BarrierPan® I, II, III, IV

Controlled Environment
Ceiling Panels
09 51 13

POPULAR APPLICATIONS

Semiconductor, pharmaceutical, hospitals, food processing, clean manufacturing areas, precision instrument assembly rooms.

QUICK FACT

Ideal for facilities requiring durable, highly moisture resistant, low particulate surfaces.

FEATURES

- Components and assemblies designed for use in ISO 14644-1 (Fed Standard 209E) controlled environment facilities.
- BarrierPan® and BarrierGrid™ deliver ease of installation and durable construction and are surfaces that withstand the rigors of daily or harsh chemical cleaning in today's cleanrooms.
- Combining BarrierPan® with BarrierGrid™ gasketed grid offers exceptional control of air and particulate movement from the plenum to the controlled environment
- Highly moisture resistant.
- Minimum 25% recycled content, 100% recyclable.

For more detailed product information, submittals or specifications, refer to the companion CD-ROM or visit: chicagometallic.com.

Controlled Environment Ceiling Panels

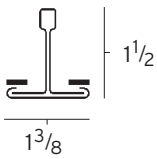
2.02 PRODUCTS	SPECIFICATIONS	BarrierPan™			
panel type		I	II	III	IV
material	FRP face with 1/2" gypsum bonded to 1" foam	•			
	Aluminum surfaces bonded to honeycombed plastic core		•		
	Aluminum skin with HDPE* core			•	
	FRP skin with HDPE* core				•
surface	High gloss smooth or textured	•			
	High gloss smooth		•	•	
	High gloss textured				•
size	1 1/2" x 24" x 24", 1 1/2" x 24" x 48"	•			
	7/16" x 24" x 24", 7/16" x 24" x 48"		•		
	1/4" x 24" x 24", 1/4" x 24" x 48"			•	•
weight	2.25 lb/ft²	•			
	0.75 lb/ft²		•		
	1.25 lb/ft²			•	
	2.10 lb/ft²				•
color	White	•	•	•	•
edge	square	•	•	•	•
fire	Class A		•	•	
	Class C	•			•
insulation	R-4	•			
classification	ISO 14644 Class 5	•	•	•	•
suspension	15/16", 1 3/8"	•	•	•	•
warranty	1 year limited	•	•	•	•
sustainability	75% recyclable, global manufacture	•			
	100% recyclable, global manufacture		•	•	•

*HDPE-High Density Polyethylene.
Refer to grid section page 90 for applicable suspension for controlled environment applications.

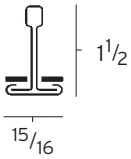
SUPREME IN SENSITIVE SPACES

The plenum may as well be another world. BarrierPan® ceiling panels exert uncompromising command over particulates, temperature and humidity in controlled environment facilities, while standing up to the rigors of frequent cleaning.

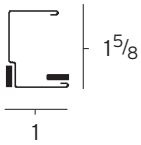
Premium



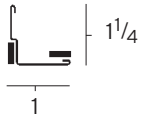
Standard



Wall Channel

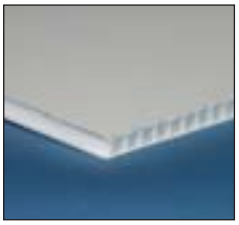


Wall Angle



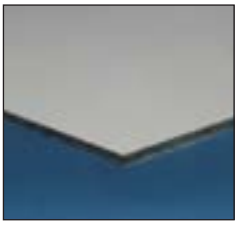
BarrierPan I

A smooth or textured, high-gloss FRP faced with 1/2" gypsum bonded to 1" foam



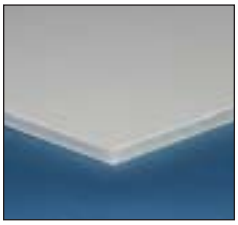
BarrierPan II

A smooth gloss aluminum surface bonded to a honeycombed plastic core for increased rigidity



BarrierPan III

Features a high-gloss aluminum skin with high density polyethylene core



BarrierPan IV

A textured high-gloss FRP skin with high density polyethylene core

DynaGlass™

Controlled Environment Panel
Fiberglass Reinforced Plastic
09 53 33

POPULAR APPLICATIONS

Hospitals, hospitality, clean rooms, airports, transit, manufacturing, food processing.

QUICK FACT

Ideal for high scrubbing and power washing spaces.

FEATURES

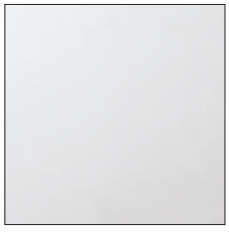
- USDA-accepted fiberglass reinforced plastic (FRP).
- Surface resistant to chemicals, solvents, milk acids and alkalis.
- Washable, scratch, stain and impact resistant.
- White and colors, textured and smooth.
- Non-conductive.
- Unaffected by pressure washing and environmental fluctuations.
- Will not rust or support growth of mold, mildew or fungus.
- Colors available.

For more detailed product information, submittals or specifications, refer to the companion CD-ROM or visit: chicagometallic.com.

Controlled Environment Panel
Fiberglass Reinforced Plastic

2.02 PRODUCTS	SPECIFICATIONS	DynaGlass		
panel type		Wall	Ceiling	Suspension
material	Fiberglass reinforced plastic	•	•	•
	standard: white	•	•	•
	ivory, silver, light grey, colonial, marble	•	•	
surface	textured	•	•	
	smooth	•	•	•
thickness	0.060", 0.090", 0.120"	•	•	0.120"
size	2' x 2', 2' x 4'		•	
	4' x 8', 4' x 9', 4' x 10', 4' x 12'	•		
	1 3/8"			•
edge	square	•	•	
indoor air quality	0 fiber release	•	•	•
fire	class A: Flame 25, Smoke 450 per ASTM E 84	0.090"	0.090"	
	class C: Flame 200, Smoke 450 per ASTM E 84	0.060" 0.090" 0.120"	0.090"	
	class A: Flame 5, Smoke 65 per ASTM E 84			•
light	LR - 0.84 per ASTM E 1477	•	•	•
stability	-10°F to 95°F and 100% RH	•	•	•
classification	type XX, pattern G per ASTM E 1264	•	•	
warranty	10 year limited	•	•	

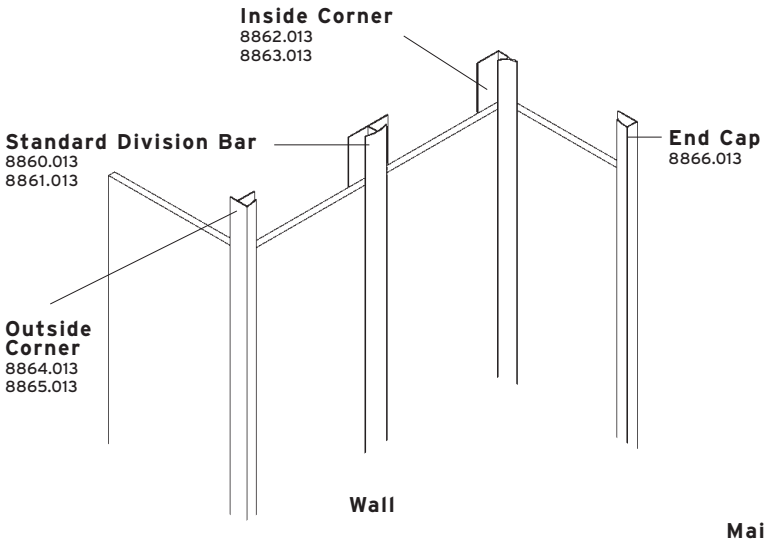
DynaGlass textured

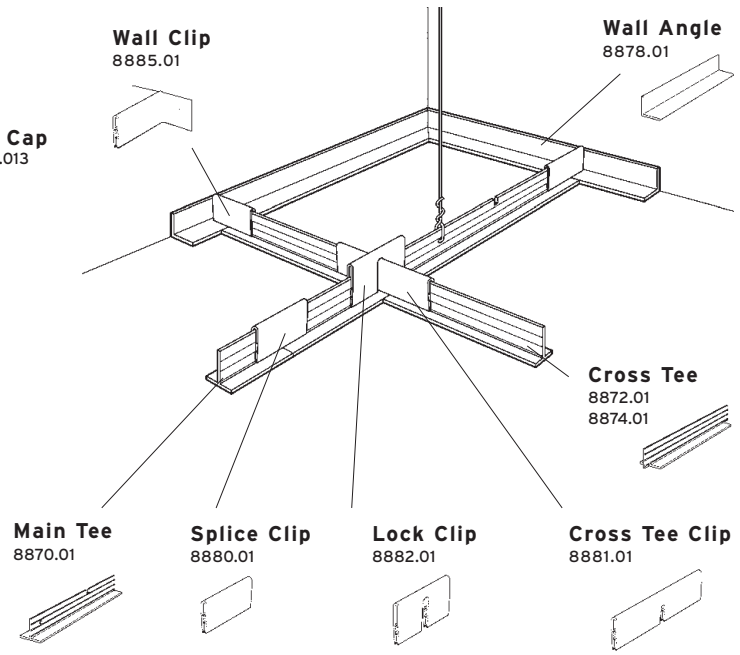


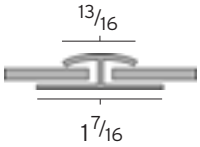
DynaGlass smooth

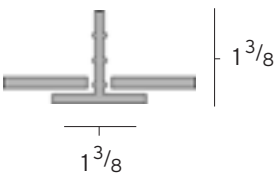
NEED INFLUENCES MATERIALS.

The function of your space dictates the building products that suit those activities. Dynaglass is an ideal surface for harsh environments that will require frequent cleaning, thanks to its scratch-, stain- and impact-resistant surface.









Product Cross Reference Guide

Chicago Metallic	AWI	USG	BPB
Monarch™ GE	Metaphors™	Cadre™	–
EuroStone™	–	–	–
Soft Touch™ Vinyl	Fiberglass	Premier Hi-Lite™	Commercial
Endure™	–	Sheetrock Sheetrock Plus™	Vinylrock™
BarrierPan® I	–	–	–
BarrierPan® II	–	–	–
BarrierPan® III	–	–	–
BarrierPan® IV	–	–	–
DynaGlass™	–	–	–