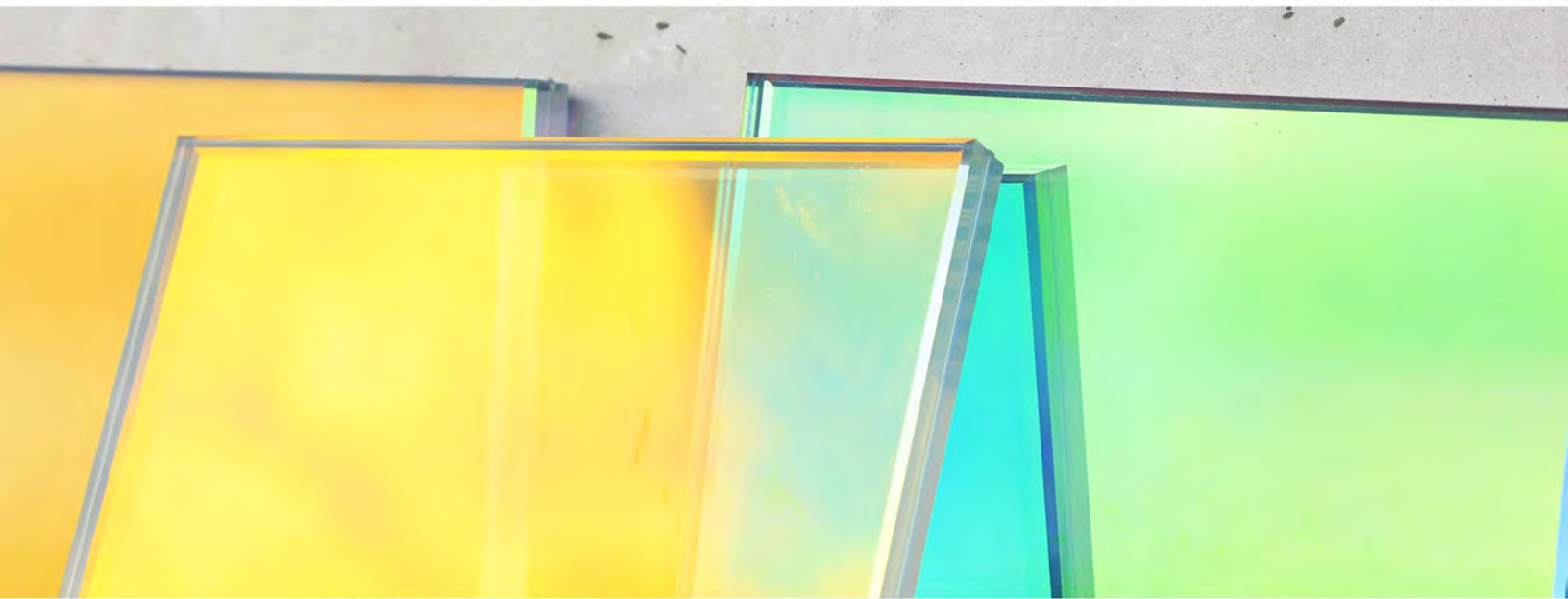


DICHROIC INTERLAYER

PRODUCT DATA

Dichroic Laminated Glass is mesmerizing with its array of shifting colours depending on the angle of view. The result of our partnership between Goldray's research team and 3M's innovative team is a reliable and durable product. The product combines 3M's premium-grade polymeric film with Goldray's decorative glass techniques to create laminated safety glass that exhibits brilliant colour shift through transmitted and reflected light.



PRODUCT REFERENCE CODES

COLOUR	CODE	DESIGN ELEMENT
Gold Blue	DC_01G	Gloss
	DC_01M	Matte
Copper Bronze	DC_02G	Gloss
	DC_02M	Matte

COLOUR HUES

Available in warm and cool tones:

- Copper Bronze - Exhibits Cyan/Blue/Magenta in transmission, Red/Gold in reflection
- Gold Blue - Exhibits Blue/Magenta/Yellow in transmission, Gold/Blue in reflection



GOLDRAY
GLASS

GLASS CHARACTERISTICS

SI Designation	Traditional Designation	Glass Makeup Thickness range				Glass Weight	
		min mm	max mm	min in	max in	kg/sqm	lb/sqft
3mm + 3mm	1/8in + 1/8in	8.88	9.82	0.349	0.386	17.51	3.85
4mm + 4mm	5/32in + 5/32in	10.60	11.40	0.417	0.449	22.71	4.65
5mm + 5mm	3/16in + 3/16in	12.18	13.12	0.479	0.517	26.80	5.49
6mm + 6mm	1/4in + 1/4in	14.16	15.42	0.557	0.607	31.54	6.46

- Strength – Available annealed, heat strengthened, or tempered.
- Edgework – Standard seamed-edge. Flat polished or flat ground edge available.
- Fabrication – Available for specific installation and hardware requirements.
See fabrication limitations for more information

PRODUCT FEATURES

- Suitable for interior and exterior applications
- Available in matte and gloss
- Can achieve a variety of design goals
- Highly durable and abrasion resistant

TECHNICAL DATA

- Average Opacity:
Will depend on glass makeup used
- ANSI 97.1: Passed
- 16 CFR 1201: Passed

PERFORMANCE

APPLICABLE INDUSTRY STANDARDS

Goldray's Dichroic Laminated Glass complies with all major building codes and meets the following industry standards:

- ASTM C1036 - Specification for Flat Glass
- ASTM C1048 - Specification for Heat-Treated Flat Glass - Kind HS, Kind FT Coated and Uncoated Glass
- ASTM C1172 - Specification for Laminated Architectural Flat Glass
- CAN/CGSB12.1 - Tempered or Laminated Safety Glass



GOLDRAY
GLASS