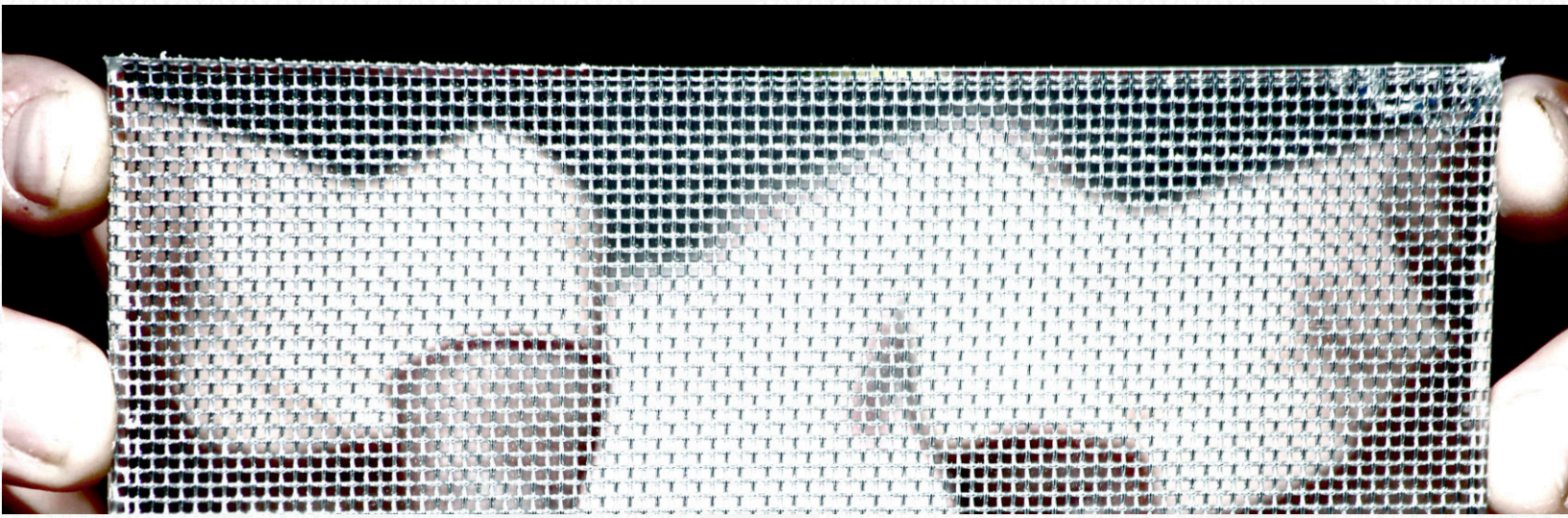
METAL MESH INTERLAYER

PRODUCT DATA

Goldray's Metal Mesh is the result of a process that encapsulates a decorative material between two lites of glass. The individual lites are bonded with an interlayer that strengthens the glass and holds it together even if it is shattered. Goldray offers its Metal Mesh Interlayer line in Silver, Bronze, Gold, and Copper with multiple weave designs to choose from.



PRODUCT STANDARD OPTIONS

COLOR	DESIGN ELEMENT
Copper	Coarse Fine Diagonal
Gold	Coarse Fine Diagonal

COLOR	DESIGN ELEMENT
Silver	Coarse Fine Diagonal
Bronze	Coarse Fine Diagonal

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GLASS TOLERANCE

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	7.36	9.24	0.290	0.364	16.90	3.53
4mm + 4mm	5/32in + 5/32in	9.08	10.82	0.358	0.426	21.10	4.32
5mm + 5mm	3/16in + 3/16in	10.66	12.54	0.420	0.494	25.19	5.16
6mm + 6mm	1/4in + 1/4in	12.64	14.84	0.498	0.584	29.92	6.13

- Strength – Available annealed, heat-stregthened, or tempered.
- Edgework – Flat polished or flat ground edge.
- Fabrication – Available for specific installation and hardware requirements

PRODUCT FEATURES

- Suitable for interior and exterior applications
- Can be used to achieve a variety of design goals
- Highly durable and abrasion resistant
- Can be combined with other products
- Can be used in a sunshade application

APPLICABLE STANDARDS

- ANSI Z97.1 2025 UA: Pass
  - » Laminated Glazing
  - » Tempered Glazing
- 16 CFR 1201: Pass
- CAN/CGSB 12.1-2017: Pass

SUSTAINABILITY

- HPD and LEED documents available
- Clean Air Gold Certified - California Department of Public Health (CDPH) Standard Method v1.2: Private Office and School Classroom.

APPLICABLE SPECIFICATIONS

Goldray's Metal Mesh complies with all major building codes and meets the following industry standards:

- ASTM C1036 - Specification for Flat Glass
- ASTM C1048 - Specification for Heat-Strengthened and Fully Tempered Flat Glass
- ASTM C1172 - Specification for Laminated Architectural Flat Glass

COMPATIBLE SYSTEMS

☑ MOSAIC

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