

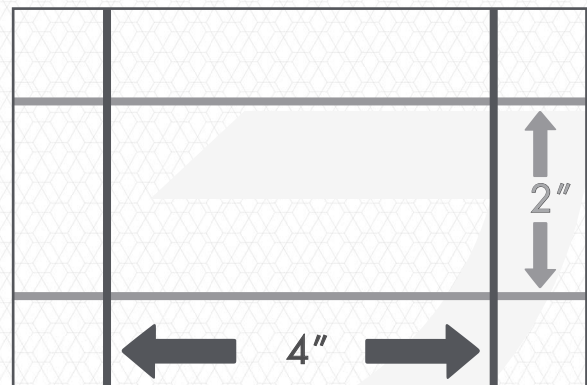
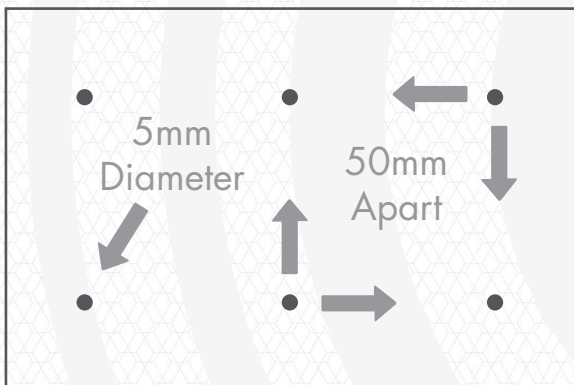
BIRD-FRIENDLY GLASS

PRODUCT DATA

Goldray's Bird-Friendly designs are all compliant with CSA guidelines with the intention to reduce bird collisions with buildings. Using ceramic frit on the first surface of the glass, we are able to create visual contrast for our feathered friends, allowing them to detect buildings as solid objects. Choosing between high visibility and low visibility patterns, designers are also able to use Bird-Friendly designs as a form of solar control. For a full list of our Bird-Friendly standard patterns, please refer to our website.



CUSTOM PATTERN MINIMUM REQUIREMENTS*



*Scale = 1:2



GOLDRAY

G L A S S

GLASS TOLERANCE

SI Designation	Traditional Designation	Glass Makeup Thickness Range				Glass Weight	
		min (mm)	max (mm)	min (in)	max (in)	kg/sqm	lb/sqft
6mm	1/4in	5.66	6.40	0.223	0.252	15.62	3.20

PRODUCT FEATURES

- Standard and custom options available
- Suitable for exterior applications
- Can be combined with other products
- Available in laminated or monolithic form
- Highly durable and abrasion resistant

APPLICABLE STANDARDS

- ANSI 97.1 2015 UA: Pass
 - » Laminated Glazing (When Laminated)
 - » Tempered Glazing
- 16 CFR 1201: Pass
- CAN/CGSB 12.1-2017: Pass

APPLICABLE SPECIFICATIONS

Goldray's Bird-Friendly line 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 (When Laminated)



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GLASS