

Use a combination of the following strategies to treat a minimum of 85% of all exterior glazing within the greater of first 16 m of the building above grade or the height of the mature tree canopy (including balcony railings, clear glass corners, parallel glass and glazing surrounding interior courtyards and other glass surfaces):

1. Low reflectance, opaque materials

2. Visual markers applied to glass with a maximum spacing of 50 mm x 50 mm

3. Building-integrated structures to mute reflections on glass surfaces.

Balcony railings: Treat all glass balcony railings within the first 16 m of the building above grade with visual markers provided with a spacing of no greater than 100 mm x 100 mm.

Specifications

1. Low reflectance, opaque materials may include spandrel glass with either of the following: (i) Solid back-painted frit or silicone backing opaque coatings OR; (ii) Reflective or low-e coatings that have an outside reflectance of 15 per cent or less. If Spandrel glass with reflective or low-e coatings (having outside reflectance of greater than 15 %) is used, it must be combined with other strategies.

2. Visual markers are opaque points or patterns on the exterior or interior surfaces of glass. These visual markers must have a minimum width of 5 mm and a maximum spacing of 50 mm x 50 mm. Ceramic frit patterns must have a strong contrast (e.g. white). Grey frit will not be permitted as it doesn't offer required contrast. Patterns on the first (exterior) surface are the most effective and in combination with low reflectance glass are the most visible and effective. When the site is adjacent to a natural area feature including where separated by a road, visual markers must be provided at a maximum spacing of 50 mm x 50 mm.

Building integrated structures include opaque awnings, sunshades, exterior screens, shutters, grilles and overhangs or balconies that provide shading below a projection (assume 1:1 ratio of treatment below a projection) to mute reflections. Shade cast by the building or adjacent buildings cannot be included as a bird collision deterrence strategy.

In order to demonstrate the statistics for IB-18 metric, please use the table format below.

Bird-Friendly Design Statistics

	Elevation First 16m* Above Grade					
	North	South	East	West	Total (m2)	Total (%)
Glazing Area (m ²)						100%
Untreated Area (m ²)						
Treated Area (m ²)						
Low-Reflectance Opaque Glass (m ²)						
Visual Markers (m ²)						
Shaded (m ²)						
	Elevation First 4m Above Rooftop Vegetation*					
	North (Floor #s)	South (Floor #s)	East (Floor #s)	West (Floor #s)	Total (m2)	Total (%)
Glazing Area (m ²)						
Untreated Area (m ²)						
Treated Area (m ²)						
Low-Reflectance Opaque Glass (m ²)						
Visual Markers (m ²)						
Shaded (m ²)						
* Include this section only when applicable and provide relevant floor numbers for reference						
Building Window : Wall Ratio						