

# Preventing Bird-Window Collisions: What You Need to Know



Collisions with windows kill billions of birds.



Feeding birds can increase risk.



More collisions happen at homes than tall buildings.



Most collisions go unnoticed.



Bird populations are declining.

Applying markers on glass can prevent collisions **if used correctly**.  
**Follow these steps to make glass safer for birds:**

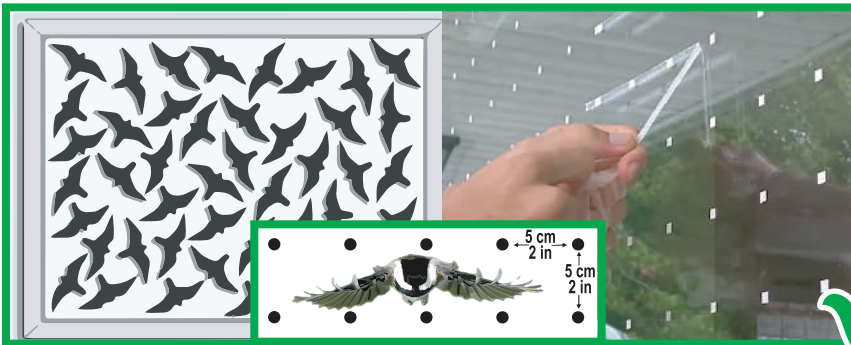
**1** Apply a dense marker pattern, without gaps a bird could fit through. 5 x 5 cm spacing covering the entire window works best.

NOT EFFECTIVE



*Birds do not recognize this as a predator. If decals are too sparse, birds will still collide with the window.*

SAFE FOR BIRDS



*This spacing is correct, but requires purchasing many units of decals. Alternatives like dot tape offer more markers, by purchasing fewer units.*

**2** Treat the **outside** surface.



*Birds will still collide with reflective glass if markers or curtains are on the inside.*



*Apply markers to the outside of the window by yourself or with help.*

**3** Choose markers with **high contrast**. White is more visible than translucent or reflective. Ultraviolet (UV) markers are less effective in shade or cloudy weather and must be replaced every 4 months.

**4** Move bird feeders **closer** to the glass (< 1 meter)

## Is a bird attacking your window repeatedly?

This is a separate problem needing a different solution. Mute the reflection so the bird can no longer see itself.



There are also DIY solutions. To learn more visit [www.flap.org](http://www.flap.org)



*Reducing feeder-window distance means birds collide with less force.*