



Acopian BirdSavers
(a.k.a. Zen Wind Curtains)



**Prevent birds
from flying into
windows.**

- ▶ Very elegant solution.
- ▶ Very simple design.
- ▶ It works!

www.BirdSavers.com 131 Loomis Street Easton, PA 18045 USA Phone: 610-258-6149

You can order Acopian BirdSavers custom made for your windows at www.BirdSavers.com.

Acopian BirdSavers™ - Fact Sheet

- When people think of bird mortality they usually think of cats, wind turbines, and pesticide poisoning, among other causes. In fact, in North America the largest number of birds are killed each year by glass! Windows in our homes and other buildings can be deadly to birds. Many people do not realize that birds are killed at the windows they look through unless they happen to be there when the bird hits the window. Birds that die directly under the offending window are often taken by scavengers – cats, raccoons, skunks, chipmunks, other birds, etc. If it is a window where many birds die from collisions, even though you do not realize that birds are dying there, scavengers know and routinely check the area for fresh food. Many times, the bird that just hit the window dies immediately. Other times, the bird may fly away only to die later. Sometimes birds recover if the strike is not too severe.
- Although the “incidental, accidental, or unintentional take” of migratory birds is a criminal violation of the Migratory Bird Treaty Act, the U.S. Fish and Wildlife Service does not arrest anyone when birds are killed at windows! This is a good thing, as windows kill lots of birds. Because this problem is so overwhelming and there are no easy solutions, the USFWS doesn't even attempt to deal with the problem!
- Until glass manufacturers design and manufacture window glass that deters birds from flying into it, and until people begin to use it, there appears to be little we can do to effectively eliminate the problem. One window manufacturer in the USA has developed a clear film that can be applied to existing windows that does reduce the likelihood of birds colliding with them. The film works remarkably well, but the manufacturer has not yet decided to market this product.
- In lieu of the glass manufacturers' future solutions, Acopian BirdSavers can significantly decrease or eliminate the incidence of birds killed at your windows. A vast majority of people who have Acopian BirdSavers on their windows or have seen Acopian BirdSavers on windows, if they even notice them, admire their aesthetic appearance and are happy to be killing few, if any, birds. If you like, you can even make your own Acopian BirdSavers!

How to make Acopian BirdSavers

- Acopian BirdSavers need to be installed on the outside of the window. This is so that birds flying towards the window will see the cords, avoid them, and therefore not fly into the glass. Acopian BirdSavers consist of 1/8 inch diameter ‘paracord’ hanging approximately four inches apart. The word ‘paracord’ is an abbreviation for ‘parachute cord’ and is the nylon cord used in the suspension lines of parachutes. A fun fact is that Acopian BirdSavers uses paracord that is made by the same company that made the paracord under the parachute that landed the Curocity rover on planet Mars in 2012. And that company, CSR Inc, is based right here in Pennsylvania.
- We have been using dark olive green colored parachute cord for many years and it has proven very effective. The results of scientific tests conducted by Dr. Daniel Klem, Jr. confirm our own conclusions that Acopian BirdSavers with dark olive green colored parachute cord are very effective in preventing bird-window collisions. We are fairly certain though, that any dark color, or for that matter probably any color or any type of cord, will be just as effective as the dark olive green color paracord. Any method you use to hang cord in front of a window will significantly decrease the number of birds that are hitting a problem window.
- We space the Acopian BirdSavers paracords four and one quarter inches (4-1/4”) apart which is a very good balance between the visual aesthetics of the paracords on the window and the protection of the birds. Many people think Acopian BirdSavers look so cool that we've given them the alias name of “Zen Wind Curtains”. One recent college graduate told us that she can't wait to own a house so she can put “Zen Wind Curtains” on the windows because they have such a calming effect on her! Because some people worry about the possibility of smaller birds trying to fly between the cords, although this very rarely happens, the paracords can be spaced closer together than 4-1/4” if you prefer. Experience has shown that BirdSavers with cords spaced at 4-1/4” stop even small hummingbirds from colliding with glass. Equally surprising is that birds sometimes fly into solid objects with no windows.
- The bottoms of the cords don't need to go all the way to the bottom of the glass; it looks more aesthetically pleasing when you can see an inch or two of space between the bottoms of the cords and the bottom of the glass. In other words, they look cool!
- At www.BirdSavers.com, you can see DIY instructions and example photos, or invent your own method to make BirdSavers!
- You will achieve a 90 to 100 percent reduction in bird-window collisions by installing Acopian BirdSavers.

Order Online - Acopian BirdSavers

- If you decide to order Acopian BirdSavers instead of making your own, ordering online as well as installing the BirdSavers, is very easy.
- You will achieve a 90 to 100 percent reduction in bird-window collisions by installing Acopian BirdSavers.

History of Acopian BirdSavers

- The first Acopian BirdSavers were made in the mid-1980s. Being a family of engineers and naturalists, we were upset when we realized that the windows of our home were killing birds as they flew into them, and we decided to try to figure out a way to stop the killing. The first Acopian BirdSavers were made from those “stylish hanging curtain beads” that were fashionable years ago. We took the individual bead strings apart and rehung them about every 4 inches in front of the offending windows. We had remarkable success on the first try. It worked! But our rooms faintly resembled those of a hippie pad with those beads hanging on the outside of the windows. But it was better than killing birds. And for some reason, the birds that previously were hitting the windows seemed always to be “rare” birds – species that we hardly ever saw. It was exciting to see them, but not exciting to see them dead.
- Our “beaded” BirdSavers lasted many years. As far as we knew, we had zero bird kills on the windows with these first-generation BirdSavers. The beads eventually began to deteriorate, and we couldn't find more to replace them (this was before the internet). Our second-generation BirdSavers used very thin bamboo poles. These also worked, but they didn't look as nice as the “beaded” ones.
- Eventually we started experimenting with parachute cord. It turns out that this worked beautifully to stop birds from hitting the windows, and as an added bonus the paracord looked good on windows; BirdSavers have been variously described as “elegant” and “Zen-like”. The current design is easy to install and can be easily removed, although as far as we know, no one who has put up Acopian BirdSavers has taken them down. People like the way they look and think they look cool!