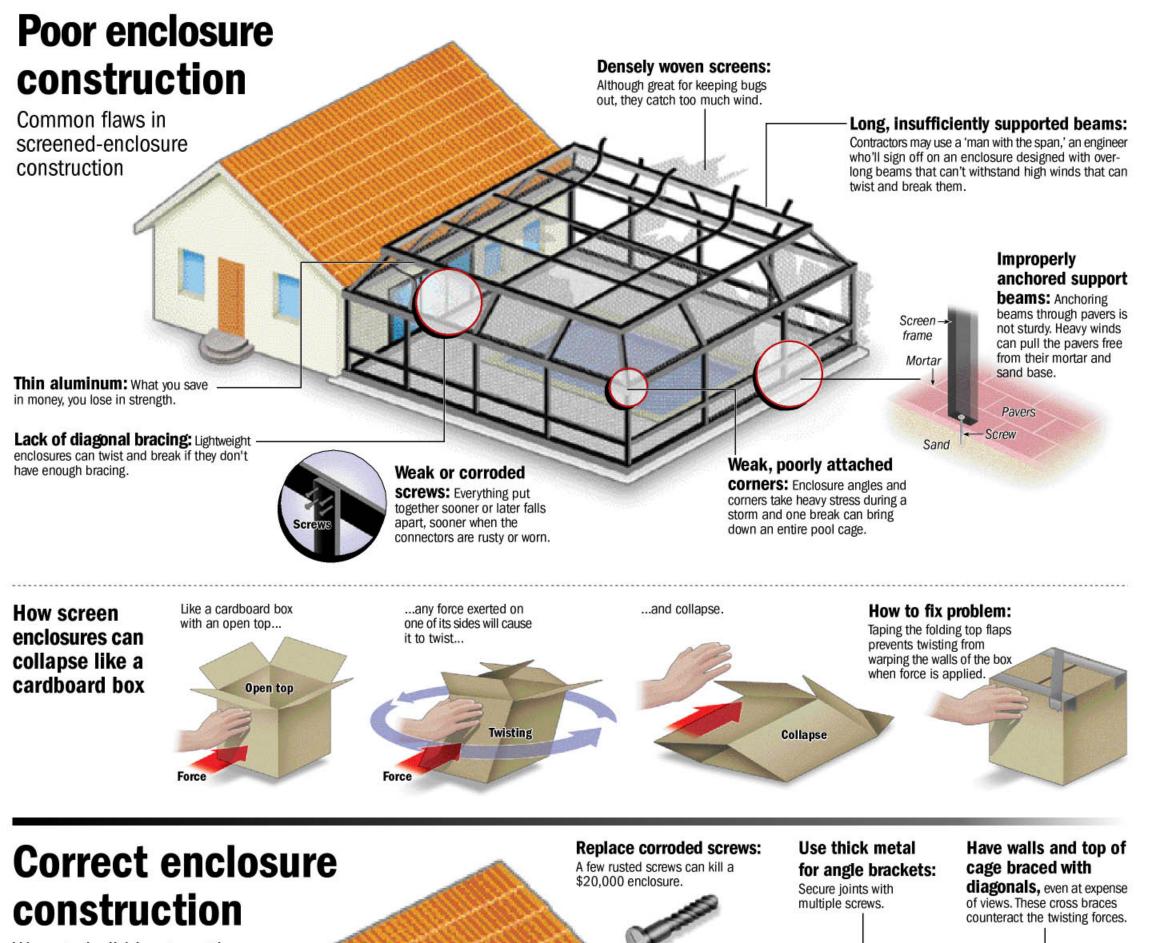
## Why screen enclosures fail

## They aren't like a house, where wind hits a wall and passes around it.

Without sufficient airflow, and bracing, screen enclosures twist and collapse

With screen enclosures, hurricane winds hit one water-soaked screen wall, then pass through and push against the far wall from the inside, while also pushing up the top. Wind

that does deflect around the outside of the enclosure tugs at it from behind. Without sufficient bracing, an enclosure twists and crumples when subjected to these forces.



Ways to build in strength to your screened enclosure

Brace house to handle wind loads from screen cage.

Use thicker beams and columns: The wind knows the difference.

Use 'K' bracing or tension wires: They beef up the corners.

## How cross-bracing adds strength

Much like the trusses or crossbeams on a bridge, tension wires help to distribute stress evenly.

Without trusses, the weight on a bridge will cause it to bend. Trusses help distribute stress of weight evenly. Truss Remove or open as much screening as possible before a storm to give the structure less resistance.

Properly anchor support beams: Beams should be secured directly to concrete footing – not into pavers.



Pavers

Screen

frame