



What to Know Before Getting Started

NOTE: Thermal bow is a condition that occurs with all metal doors and is not unique to Krieger doors. Please refer to ANSI/SDI A250.8-2003 for more information about this phenomenon.



We're Here to Help

At Krieger, we understand every project is unique. If after reviewing this guide, you have any questions or concerns about installing, adjusting, or maintaining your Krieger product, our engineering department is here to help.

Please call us directly at **562-695-0645** or reach out to your regional sales representative.

Visit [kriegerproducts.com/contact/](https://www.kriegerproducts.com/contact/) for more information.



Made in the USA

All Krieger products are proudly designed and manufactured in the United States.

Problem

- Thermal bow is a temporary condition that may occur in metal doors due to an inside/ outside temperature differential. It can occur when there is direct sunlight on the door.
- The condition and the degree of bowing will depend on the door's color, construction, length of exposure, temperature, etc.
- The bowing of the door pushes it against the frame stop and consequently exerts pressure on the door latching hardware, binding it against the strike.

Solution

- One solution is to take into consideration the prolonged sun exposure in relationship to the door exterior.
- This condition can often be alleviated by painting the exposed surface a light color.
- Another solution would be to modify the strike to allow more clearance between it and the latching hardware.

NOTE: This solution is not recommended for acoustical doors because a loose fit between the latch and strike may compromise the compression sound seals.

End Instructions