

IK10 RATED

Polycarbonate Enclosures



LEADING THE WAY

In Durable Polycarbonate Enclosures

Integra Enclosures have met and surpassed requirements for IK10 - the highest impact rating recognized by the IEC. As the first U.S. polycarbonate enclosure manufacturer to earn this rating, you might ask – what makes Integra Enclosures different?

- Thicker Side Walls
- Purposefully Engineered Design
- High-Quality Materials

Integra Enclosures are trusted around the world to provide durable, weatherproof protection to sensitive electrical controls. And with the widest range of sizes, styles and in-house modification options, Integra has a polycarbonate enclosure to fit any application.



IK10 PROTECTION RATING FAQs

1) Q: What does IK10 mean?

A: IK10 rated enclosures can withstand 20 joules of impact force without breaking or compromising the enclosure's protection level.

2) Q: What is the difference between IK ratings and IP ratings?

A: While they are both international standards, these ratings measure different things. An IK rating certifies the level of impact that an enclosure can withstand while IP measures how well the enclosure seals out dust, dirt and water.

3) Q: Where are IK10 rated enclosures used?

A: Industrial, high traffic and outdoor applications would benefit from IK10 rated enclosures. Products that are more likely to face impacts like security systems, construction equipment and remote monitoring stations could also require high impact protective enclosures.

4) Q: Are all Integra polycarbonate enclosures IK10 rated?

A: Yes, all sizes and configurations of Integra polycarbonate enclosures are IK10 rated. Please note that while the enclosure itself is IK10 rated, latches and other external features are not. If an impact occurs, Integra recommends inspecting the enclosure and opening and closing the door to ensure all latches, hinges and external features function properly.

5) Q: Is my enclosure's IK rating affected if I machine holes for connectors?

A: Minimum distances between machined holes could be required to maintain the enclosure's IK rating. Integra also recommends using IK10 rated screens, buttons and connectors to offer maximum protection.

Contact sales@integraenclosures.com for more information