Golf Simulator Impact Screen Sizing and Setup Checklist

> **Companion Reference Sheet for:** Golf Simulator Impact Screens: Pick Material, Size, and Gap
> Save this PDF to your phone or print a copy for field reference. Verify room measurements and manufacturer specs before buying or mounting equipment.

Key Takeaways

- Measure the room and plan the projector image before choosing a screen, so the viewable area fits both the available space and the projector's shape.
- Allow separate space for frame attachment and for the screen to flex behind its face. One supports mounting and tension; the other helps absorb ball impacts.
- Compare screen construction for projected detail, ball impact noise, rebound, and expected shot volume. A smoother weave and a softer knitted surface have different trade-offs.
- Protect the sides and ceiling as well as the screen, since missed shots can reach walls, windows, lights, people, or equipment.

Compare Screen Materials, Weaves, and Finishes

Impact screen layer categories described by BenQ.

Reported construction	What that means for a builder
Most impact screens on the market fall into two categories: 2.5 mm thick single-layer noise-cancelling screens or 5.0 mm thick dual-layer noise-cancelling screens. The dual layers are two identical pieces of noise-cancelling fabric joined with Velcro.	Compare the actual layer construction alongside the screen's image surface, impact feel, and intended use.

Match Screen Size to Room and Projector Shape

Example screen width calculation from AmateurGolf.com.

Room width	Calculation	Maximum viewable width
200" W	200" room width less 20" equals 180"	180"

Reference Table

Screen aspect ratio	Shape at the same width	Planning point
4:3	Taller relative to its width	Choose it when the projector image and available height suit the squarer format.
16:9	Wider relative to its height	Choose it when the projector is set to a widescreen image and the room can fit that shape.

Installation Checklist

- ☐ Measure room width and height at the screen plane, including floor changes, ceiling obstructions, and frame attachment space.
- ☐ Set the hitting position and monitor first, then check available ball flight and camera sightlines before fixing the screen location.
- ☐ Match the projector image shape to the viewable screen area, and distinguish that area from the full fabric and finished borders.
- ☐ Plan frame clearance, screen tension, and the rear flex gap as three separate decisions.
- ☐ Plan side and ceiling protection, then test the full swing and screen movement with missed shots safely contained.

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