



## ULTRA NT SCIF BARRIER

The following installation guidelines are for informational purposes only and **do not supersede** the Architectural Specifications. The Architectural Specifications for any particular job shall override the information presented on this Installation Sheet with regards to the appropriate products to use and the appropriate installation method to use for that particular job.

**1)** Unroll the SCIF barrier and cut it to the appropriate length to cover all walls, ceilings and floors of the room or building that you want shielded from RF transmission, per the Architectural Specifications. \*\*TVM recommends cutting the SCIF barrier 12" longer than the length of the wall, ceiling or floor to be covered to allow SCIF Barrier to wrap around corners.

**2a)** SCIF barrier may be attached to wood using staples (every 6"-10"), tape, general purpose construction adhesive, or spray on contact adhesive per the Architectural Specifications.

**2b)** SCIF barrier may be attached to steel studs using tape, general purpose construction adhesive, or spray on contact adhesive per the Architectural Specifications.

**2c)** SCIF barrier may be attached to concrete using a general purpose construction adhesive or spray on contact adhesive per the Architectural Specifications.

**2d)** SCIF barrier may be attached to gypsum board using staples (every 6"-10"), general purpose construction adhesive, or spray on contact adhesive per the Architectural Specifications. When installing a second layer of gypsum board on top of SCIF barrier, \*\*TVM recommends using black phosphate fine thread drywall screws for panel installation, unless otherwise specified in the Architectural Specifications.

**3)** SCIF barrier joints may be required to be butted together, overlapped, folded, and/or taped per the Architectural Specifications. \*\*TVM recommends overlapping all joints by 6" and taping all seams with TVM Standard Aluminum Foil tape, as a minimum.

**4)** When you reach the top of a wall, \*\*TVM recommends extending the SCIF barrier so that it wraps around the joint and onto the ceiling for 6".

**5)** When you reach the bottom of a wall, \*\*TVM recommends extending the SCIF barrier so that it wraps around the joint and onto the floor for 6".

**6)** SCIF barrier material may or may not be installed on the ceiling and floor per the Architectural Specifications, to complete the job.

**7)** If required, ground the SCIF enclosure per the Architectural Specifications. Grounding from any single point, separated from the electrical grounding for the building, has been shown to have a positive effect on SCIF enclosure performance.

\*\*All recommendations made by TVM are based on best practices commonly used in the field. Architectural Specifications take precedence over all TVM recommendations. SCIF barrier can be covered with any type of finish.

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