



**Xalon/Uzin RF Shielded Floor System for ICD / ICS 705 SCIF Rooms**  
**Using Xalon XFS60 (60dB) or XFS80 (80 dB) Proprietary Floor Systems**  
**Uzin Utz Warranties the Floor System structure, 4 to 12 layers required.**

Layer	Layers (Top to Bottom)	Comments	Product(s)
Top Wear Layer	Finished Flooring	Ready for final flooring to be applied, just like you would on to standard concrete floor.	Vinyl Composite Tile, ESD Tile, Carpet, ESD Carpet Polished Concrete, etc.
<b>Twelve (12)</b>	Apply SCIF TEXAS Fiber-Reinforced Concrete Level RF Shielded Floor System	Apply Uzin SCIF THREE self-leveling product to the desired depth. Let dry.	<b>UZIN SCIF TEXAS Premium Plus – Fiber Reinforced Self-Leveling Compound</b>
<b>Eleven (11)</b>	Apply Uzin SCIF COLORADO primer.	Apply coat of Uzin SCIF COLORADO. Let dry.	<b>UZIN SCIF COLORADO Premium Plus - Super-Fast Primer</b>
<b>Ten (10)</b>	Apply Surface Strengthener / Moisture Vapor Reducer	Apply coat of Uzin SCIF NEW JERSEY. Let dry.	<b>UZIN SCIF NEW JERSEY Polyurethane Resin</b>
<b>Nine (9)</b>	Install 2 <sup>nd</sup> XFS panels offset 2' x 2' from 1 <sup>st</sup> XFS panels already glued down and seam taped	Install 2 <sup>nd</sup> Layer of XFS panels with Uzin SCIF FOUR Adhesive	<b>XFS60 (60dB) or XFS80 (80dB) Panels</b>
<b>Eight (8)</b>	Apply Uzin SCIF ALABAMA 2 Part Urethane Adhesive	Apply XFS panels using Uzin SCIF ALABAMA two-part urethane adhesive. Let dry.	<b>UZIN SCIF ALABAMA Premium Pro 2-Component Polyurethane Adhesive</b>
<b>Seven (7)</b>	Install Xalon 4" wide RF shielded seaming tape	Seam Tape the Xalon XFP Panels	<b>Xalon Proprietary Copper Seaming Tape XFT14 or XFT50</b>
<b>Six (6)</b>	Install Xalon XFL Perimeter L-Flashing 4" minimum on the floor.	Vertical part can be screwed to wall studs with clear zinc coated screws Horizontal part can be seam taped to the top of the 1 <sup>st</sup> layer of XFS panels	<b>Install Grabber Clear Zinc Coated Screws (for walls) Seam Tape XFL L-Flashing to XFS Panels With the XFT14 or XFT50 Seaming Tape</b>
<b>Five (5)</b>	Install Xalon XFP60 or XFP80 RF 4' x 4' Shielded Panels & Tape 4' x 4' XFP Shielding Panels	Install 1 <sup>st</sup> Layer of XFS60 panels with Uzin SCIF FOUR	<b>Xalon XFP60 or XFP80 Panels</b>
<b>Four (4)</b>	Apply Uzin SCIF ALABAMA 2 Part Urethane Adhesive	Apply XFP60 or XFDP80 panels using Uzin SCIF ALABAMA two-part urethane adhesive. Let dry.	<b>UZIN SCIF ALABAMA Premium Pro 2-Component Polyurethane Adhesive</b>

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<b>Three (3)</b>	Apply Uzin SCIF TEXAS self-leveling	Apply Uzin leveling product to flatten the floor to accept the metal panels. Let dry.	<b>UZIN SCIF TEXAS recommended for most applications</b>
<b>Two (2)</b>	Apply Uzin SCIF COLORADO primer.	Apply primer Let dry.	<b>UZIN SCIF COLORADO Premium Plus - Super-Fast Primer</b> <b>is a film forming primer applied to nonabsorbent surfaces in preparation for the subsequent application of UZIN portland or gypsum-based leveling compounds and thin set mortars</b>
<b>One (1)</b>	Apply Uzin SCIF MISSOURI epoxy.	Apply 2-part Epoxy This will address any moisture vapor in or below the slab. Let dry.	<b>UZIN SCIF MISSOURI Premium Plus - Moisture Vapor Retarder / Surface Strengthener</b>
Bottom Base Layer	Existing Concrete Floor	Raw Concrete	Existing Concrete Floor

Floor flatness is FF of 30 to 50 which is roughly equivalent to a single  $\pm 1/8"$  defect in 10' <https://dipstick.com/>  
The final wear layer floor material and adhesive will be warranted by that product's manufacturer.

\*The Xalon EMI-SHIELD ALS RF Shielded Seaming Tape may be used in this system, with prior written approval.

Xalon XFS60 is the most economical 60dB solution.

Xalon XFS80 is the most economical 80dB solution.

Substitute Uzin or Xalon products VOIDs the warranty.

The system layers can be modified or deleted with prior written approval by Uzin.

Some RF shielded floor systems may only require two layers.

Any written warranty must come from Uzin.

**\* The RF shielded floor system must be installed by a Xalon/Uzin prequalified floor contractor, to get the Uzin warranty. Prequalified floor contractors are available in all 50 states and in most countries.**

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