Xalon Galvanized Steel Panel RF Shielded Floor System
Preliminary

Layers (Top to Bottom)	Comments	Product(s)
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
Fiber-Reinforced Concrete Level RF Shielded Floor System	Apply appropriate self-leveling product to the desired depth. Add bag fibers to any self-leveling product. Let dry.	**Premium Plus – Fiber Reinforced Self-Leveling Compound**
Apply Primer.	Apply coat of Primer. Let dry.	**Premium Plus - Super-Fast Primer**
Surface Strengthener / MVR	Apply coat of Polyurethane Moisture Vapor Retarder. Let dry.	**Polyurethane Resin MVR**
For Flat Surface Install 2nd GS panel offset 2' x 2' from 1st GS panels already glued down	Install 2nd Layer of GS panels with Electrically Conductive Adhesive. Let dry.	**Xalon GS22 or GS26 Galvanized Steel Panels Or AL20 Aluminum Panels**
		Electrically Conductive Adhesive (TBD)
Install Galvanized Steel 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 glued to floor	**Grabber Clear Zinc Coated Screws (for walls)** **Grounds GS Panels to Earth Ground, Around Perimeter of Room**
		Electrically Conductive Adhesive (TBD)
Install Galvanized Steel RF 4' x 8' Shielding Panels	Install 1st Layer of GS panels with 2-part Urethane Adhesive	**Xalon GS22 (0.030") or GS26 (0.018") Galvanized Steel Panels or AL20 Aluminum Panels.**
Apply 2-Part Urethane Adhesive	Apply GS26 panels using two-part urethane adhesive. Let dry.	**Premium Pro – 2-Component Polyurethane Adhesive**
Apply self-leveling concrete	Apply the appropriate self-leveling product to flatten the floor to accept the metal panels. Let dry.	**Multiple Solutions** **Self-leveling concrete**
Apply primer.	Apply primer Let dry	**Premium Plus - Super-Fast Primer**
Apply Moisture Vapor Retarder / Surface Strengthener epoxy.	Apply 2-part Epoxy This will address any moisture vapor in or below the existing floor slab. Let dry.	**Premium Plus - Moisture Vapor Retarder / Surface Strengthener**
Existing Concrete Floor	Raw Concrete	Existing Concrete Floor