



Xalon RF / EMI Shielding Systems
 21100 Morewood Pkwy
 Rocky River, OH 44116
 Phone: 833.925.6673
 sales@xalonrf.com
 www.xalonrf.com

Xalon RF X25 – RF / EMI Shielding Solutions

Part I: General

1.1 Work Included:

The work consists of furnishing all labor, materials, accessories and equipment necessary to cover all areas shown on the drawings and specified herein with Xalon RF/EMI Panels.

1.2 Delivery and Storage:

Store this product in unopened cartons in a clean, cool, dry interior space. Cartons and product must be protected against marring, water, dirt or damage during delivery and storage.

Part II: Product

2.1 Product and Manufacturer:

Xalon RF Shielding System:
 21100 Morewood Pkwy, Rocky River, OH Ohio 44116
 Phone: (833) 925.6673 Website: www.xalonrf.com
 Email: sales@xalonrf.com

2.1.1 Geometric Shape: Custom, Rectangular

2.1.2 & Thickness:

Max size (4' x 8'), Thickness ¼ "

2.1.3 Core: ¼" Fluted Cardboard

2.1.4 Surface Finish:

2 mil Aluminum foil one side & 5 mil Aluminum foil one side

2.1.5 Color: Silver

2.1.6 Application: Interior

2.1.6 Warranty: 1 Year Standard on workmanship

2.1.7 Edge Construction: Fluted cardboard

2.1.7a Edge Shape: Natural

2.1.7 Product Weight per sheet: ¼" 8 lbs

2.1.8 Acoustical Performance: NRC.35

2.1.9 Incombustibility:

Class C Per ASTM E84

2.1.10 X25 Shielding Effectiveness:

As Installed Butt Jointed & Seam Taped with 4" wide EC tape
 Tested per IEEE-299: 2006

Frequency	Attenuation (dB)
10 KHz, Magnetic Field	≥35
100 KHz, Magnetic Field	≥55
10 KHz, Electric Field	≥95
100 KHz, Electrical Field	≥95
10 MHz, Electrical Field	≥95
100 MHz, Plane Wave	≥95
400 MHz, Plane Wave	≥95
1 GHz, Plane Wave	≥85
10 GHz, Plane Wave	≥85
18 GHz, Plane Wave	≥75
40 GHz, Plane Wave	≥75

2.1.11 Joint Sealing Tape:

5 mil Aluminum Conductive Tape

2.1.12 R Value: 1/4" is 1

2.1.13 Recycled Content:

Documented 100% recycled content comprised of 93% "post-consumer" recovered materials.

Part III: Execution

3.1 Installation

3.1.1 Xalon Shielding Panels:

Shall be located and spaced as detailed on reflected ceiling plans and/or detailed on the interior elevation drawings and as indicated on room finish schedule.

3.1.2 Suspension Provision:

Standard 15/16" Ceiling Grid, Screws, Adhesive, PVC Track, See Xalon drawings for more information

3.1.3 Attachment Method:

Screws, Adhesive, PVC Track, See Xalon drawings for more information

3.1.4 Workmanship

The panel system shall be installed only by an approved contractor. All work shall be completed in a workman like manner. All panels shall be properly installed and left in a clean, sanitary condition. Contractor shall remove and dispose of shipping containers and debris. No special clothing or equipment needed