



Xalon RF X55 – RF / EMI Suspended Shielding Ceiling Panels

Part I: General

1.1 Included:

Xalon X55 RF/EMI Ceiling Panel. 2' x 2' or 2' x 4'
Bare Mill Finish Aluminum Covered 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 44116
Phone: 1-833-XalonRF (833) 925-6673
Website: www.xalonrf.com
Email: sales@xalonrf.com

2.1.1 Geometric Shape: Square, Rectangular

2.1.2 Size & Thickness:

2' x 2' & 2' x 4', Thickness (1/2")

2.1.3 Core: Cardboard (1/2")

2.1.4 Surface Finish: Aluminum Foil

2.1.5 Color: Silver

2.1.6 Application: Interior

2.1.6a Warranty: 1 Year Standard

2.1.7 Edge Construction: Laminated Aluminum Foil
(5 mil) Conductive Adhesive (5 mil) Tape

2.1.7a Edge Shape: Natural

2.1.8 Acoustical Performance:

NRC: 1.00

2.1.9 Incombustibility: Class C per ASTM E84

2.1.10 Shielding Effectiveness:

Tested per IEEE-299: 2006

Frequency	Attenuation (dB)
10 KHz, Magnetic Field	30
100KHz, Magnetic Field	40
10 KHz, Electric Field	60
200 KHz, Electric Field	60
10 MHz, Electrical Field	60
100 MHz, Plane Wave	65
400 MHz, Plane Wave	65
1 GHz, Microwave	60
10 GHz, Microwave	60

2.1.11 Joint Sealing Tape: Xalon ST5

2.1.12 R Value: (1/2" - 2.24)

Part III: Execution

3.1 Installation

3.1.1 Xalon Shielding Ceiling 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, SE will vary due to quality of grid system.

3.1.3 Attachment Method:

RF seal the ceiling grid. Contractor supplied acoustic panels installed in ceiling grid first. Then X55 panels are press fitted in to the ceiling grid, on top of the acoustic panels.

3.1.4 Workmanship: The panel system is designed to be installed by a local ceiling contractor.