



Xalon XFS60 (60dB) RF Shielded Floor System for ICD / ICS 705 SCIF Rooms and PTBs with concrete floors

60dB from 200KHz to 18GHz
60dB from 10KHz to 18GHz (E-field Only)

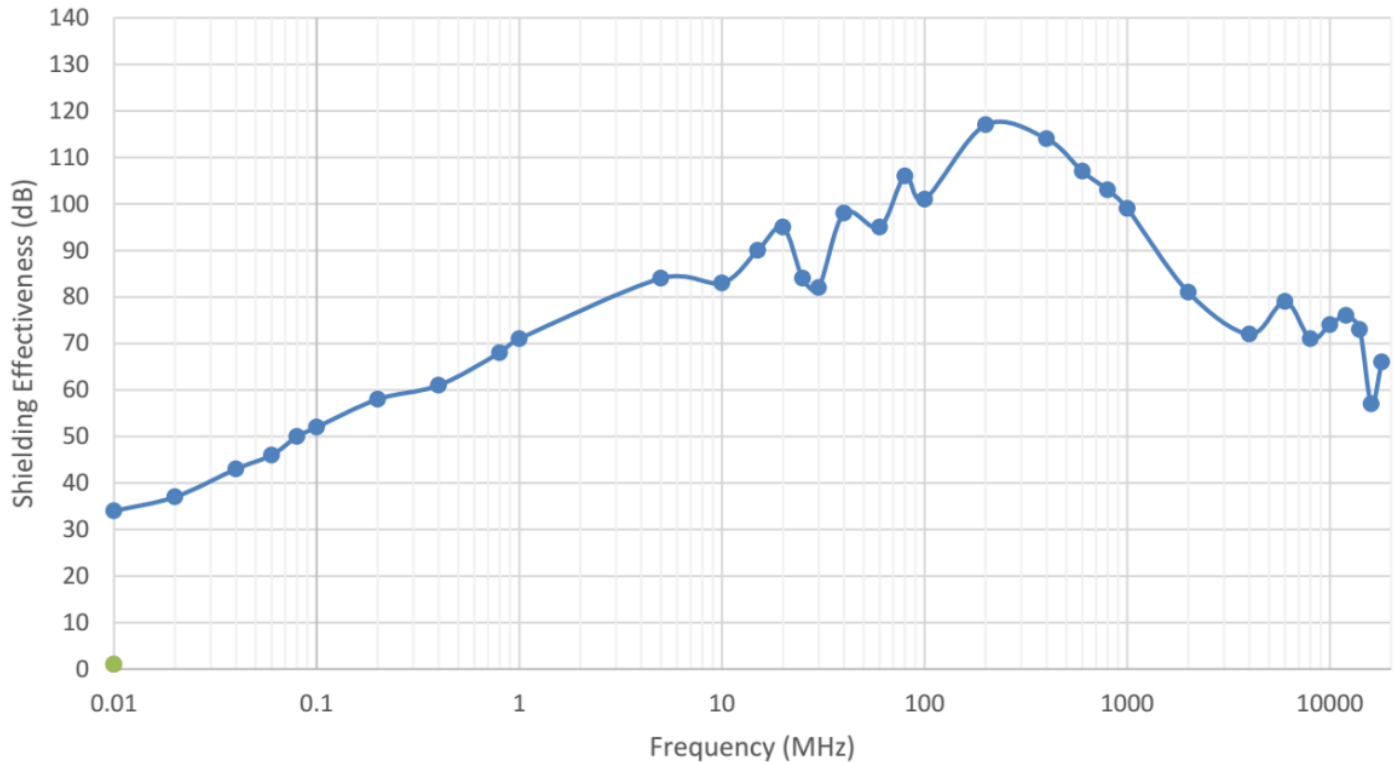
XFS60 is a Warranted, Proprietary RF shielded panel system combining XFP60 metal panels, XFT14 Seaming tape, electrically conductive adhesives, concrete adhesives.

IEEE-299 Test Report

Frequency MHz	OPEN Amplitude (dBuV)	SOLID PLATE Amplitude (dBuV)	Log periodic Signal Generator setting	Gasket Amplitude (dBuV)	Signal Generator Setting (dBm)	Shielding Effectiveness (dB)	Dynamic Range (dB)
0.01	70	-20	Loop, amp and preamp	36	-13	34	90
0.02	75	-20	Loop, amp and preamp	38	-11	37	95
0.04	75	-20	Loop, amp and preamp	32	-10	43	95
0.06	75	-20	Loop, amp and preamp	29	-10	46	95
0.08	75	-25	Loop, amp and preamp	25	-11	50	100
0.1	75	-25	Loop, amp and preamp	23	-11	52	100
0.2	75	-25	Loop, amp and preamp	17	-10	58	100
0.4	75	-25	Loop, amp and preamp	14	-8	61	100
0.8	75	-25	Loop, amp and preamp	7	-8	68	100
1	85	-25	Loop, amp and preamp	14	-21	71	110
5	85	-25	Loop, amp and preamp	1	-34	84	110
10	85	-25	Loop, amp and preamp	2	-32	83	110
15	85	-25	Loop, amp and preamp	-5	-26	90	110
20	85	-25	Loop, amp and preamp	-10	-26	95	110
25	85	-25	Loop, amp and preamp	1	-16	84	110
30	85	-25	Loop, amp and preamp	3	-53	82	110
40	115	-25	Bicon amp preamp	17	-34	98	140
60	115	-25	Bicon amp preamp	20	-24	95	140
80	115	-25	Bicon amp preamp	9	-57	106	140
100	115	-25	Bicon amp preamp	14	-61	101	140
200	115	-25	Bicon amp preamp	-2	-67	117	140
400	115	-25	Log Pre Amp	1	-8	114	140
600	115	-25	Log Pre Amp	8	1	107	140
800	115	-25	Log Pre Amp	12	1	103	140
1000	115	-20	Horn, Pre amp	16	-42	99	135
2000	115	-15	Horn, Preamp	34	-45	81	130
4000	115	-12	Horn, Preamp	43	-41	72	127
6000	115	-12	Horn, Preamp	36	-38	79	127
8000	115	-12	Horn, Preamp	44	-39	71	127
10000	115	-14	Horn, Preamp	41	-37	74	129
12000	115	-16	Horn, Preamp	39	-32	76	131
14000	115	-15	Horn, Preamp	42	-31	73	130
16000	110	-15	Horn, Preamp	53	-28	57	125
18000	110	-17	Horn, Preamp	44	-28	66	127



RF Shielding Effectiveness (dB) Xalon XFS60



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.

Xalon XFS60 is the most economical 60dB 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 Warranted RF shielded floor system must be installed by a Xalon/Uzin prequalified floor contractor.
Prequalified floor contractors are available in all 50 states and in most countries.**

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