



ASM
innovations in access flooring

PANEL PERFORMANCE GUIDE

FS SERIES PANELS

PANEL	ULTIMATE LOAD			CONCENTRATED LOAD						UNIFORM LOAD			IMPACT LOAD		ROLLING LOADS			
				0.100" / 2.5 mm DEFLECTION			0.080" / 2.0 mm DEFLECTION								10 PASS		10K PASS	
	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(lb.)	(Kn)	(lb.)	(Kn)
FS100	3300	1497	14.68	1000	454	4.45	800	363	3.56	400	181	1.78	175	79	800	3.56	600	2.67
FS200	3900	1769	17.35	1250	567	5.56	1000	454	4.45	450	204	2.00	175	79	1000	4.45	800	3.56
FS300	5400	2449	24.02	1500	680	6.67	1250	567	5.56	500	227	2.22	175	79	1250	5.56	1000	4.45
FS400	6300	2858	28.02	2000	907	8.90	1500	680	6.67	550	249	2.45	200	91	1500	6.67	1200	5.34
FS500	7,000	3175	31.14	2500	1134	11.12	2000	907	8.90	600	272	2.67	200	91	2000	8.90	1800	8.01
FS600	10,000	4536	44.48	3000 ⁽¹⁾	1361	13.34	2500 ⁽²⁾	1134	11.12	1000 ⁽³⁾	454	4.45	400	181	3000	13.34	3000	13.34

Notes: (1) = Max. 0.110" Deflection (2) = Edge Deflection (3) = At 0.060" Deflection

S-SERIES PANELS

PANEL	ULTIMATE LOAD			CONCENTRATED LOAD @ 1/300 of SPAN DEFLECTION			UNIFORM LOAD			IMPACT LOAD		ROLLING LOADS					
												10 PASS			10,000 PASS		
	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(Kn)
S100	3200	1452	14.23	1000	454	4.45	250	113	1.11	150	68	400	181	1.78	400	181	1.78
S125	4500	2041	20.02	1250	567	5.56	300	136	1.33	150	68	500	227	2.22	500	227	2.22
S150	5000	2268	22.24	1500	680	6.67	375	170	1.67	150	68	600	272	2.67	600	272	2.67

MC-SERIES PANEL

PANEL	ULTIMATE LOAD			CONCENTRATED LOAD			IMPACT LOAD			ROLLING LOADS					
				0.100" / 2.5 mm @ Center of Panel						10 PASS			10,000 PASS		
	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(Kn)	(lb.)	(Kg)	(Kn)
MC125	3000	1361	13.34	1250	567	5.56	150	68	68	1000	454	4.45	800	363	3.56

Notes: ASM Products are tested by a certified United States testing company. Certified test reports in accordance to CISCAs test procedures are available upon request.