

EXPANDED METAL MESHES

Type	Ref No	Material	Nominal Size of Mesh		Thickness MM	Strand Width MM	Weight kg/m ² ± 10%	Standard Sheet size (SWM x LWM) MM x MM
			SWM MM	LWM MM				
Light mesh	LM 0515	Steel	10	21	0.5	1.5	1.29	2400 x 1200
	LM 0715	Steel	10	21	0.7	1.5	1.84	2400 x 1200
	LM 1015	Steel	9	29	1.0	1.5	2.71	2400 x 1200
	LM 1515	Steel	9	29	1.5	2.0	4.20	2400 x 1200
	LM 2015	Steel	9	29	2.0	1.5	5.56	2400 x 1200
Security & Decorative mesh	SM 1020	Steel	16	38	1.0	2.0	1.88	2400 x 1200
	SM 1520	Steel	16	38	1.5	2.0	3.19	2400 x 1200
	SM 1528	Steel	22	57	1.5	2.8	2.88	2400 x 1200
	SM 2028	Steel	22	57	2.0	2.8	3.82	2400 x 1200
	SM 3035	Steel	22	57	3.0	3.5	7.29	2400 x 1200
	SM 2030	Steel	35	76	2.0	3.0	2.60	2400 x 1200
	SM 3045	Steel	35	76	3.0	4.5	6.60	2400 x 1200
	SM 3060	Steel	42	115	3.0	6.0	8.30	2400 x 1200
	SM 4560	Steel	42	115	4.5	6.0	12.40	2400 x 1200
	DM 3032 DM 3032A	Steel Aluminium	25 25	81 81	3.0 3.0	3.2 3.2	5.40 2.00	2400 x 1200 2400 x 1200
Walkway Mesh	WM 50070	Steel	45	135	4.7	7.0	13.80	2400 x 1200
	WM 50110	Steel	45	135	4.7	11.0	18.40	2400 x 1200
	WM 30070	Steel	30	75	3.0	7.0	12.50	2400 x 1200
	WM 50065	Steel	28	75	4.7	6.5	20.71	2400 x 1200
	WM 50105	Steel	30	75	4.7	10.5	26.40	2400 x 1200
SHEET TOLERANCE: SWM dimension + 50mm - 0mm					LWM dimension + 20mm - 4mm			
NOTATION: SWM – Short Way of Mesh LWM – Long Way of Mesh								

Walkways: Selection Guide For Simply Supported Spans

Assumption

The selection guide assumes mesh spanning in the direction of long way mesh (LWM) having a minimum of every fourth strand welded on supports and minimum 25mm end bearing.

LOADING	NOMINAL SPAN		
	600mm	750mm	900mm
Distributed – 2.5KN/M ²	WM 50070	WM 50070, WM 50065	WM 50110
	WM 50065		WM 50105
Distributed – 5.0KN/M ²	WM 50070	WM 50110, WM 50105	–
	WM 50065		–
Point Load – 1.1 KN at 1200mm centres minimum	WM 50070	WM 50070, WM 50065	WM 50110
	WM 50065		WM 50105

