P819 *Unrestrained Assembly*

Protected Roof Deck

Polyisocyanurate Insulation with or without Gypsum Board

CAFCO® FENDOLITE® M-II, TG & ISOLATEK® Type M-II, TG

Joist Designation	Depth (in.)	Approx. Wt (lbs./ft.)	1-Hour	1-1/2 Hour	2-Hour	3-Hour
8K1	8	4.9	NR	NR	NR	NR
10K1	10	5.1	3/4	1 1/4	1 11/16	2 7/8
12K1	12	5.0	3/4	1 1/4	1 11/16	2 7/8
12K3	12	5.7	3/4	1 1/4	1 11/16	2 7/8
12K5	12	7.1	3/4	1 1/4	1 11/16	2 7/8
14K1	14	5.2	3/4	1 1/4	1 11/16	2 7/8
14K3	14	6.0	3/4	1 1/4	1 11/16	2 7/8
14K4	14	6.7	3/4	1 1/4	1 11/16	2 7/8
14K6	14	7.7	3/4	1 1/4	1 11/16	2 7/8
16K2	16	5.5	3/4	1 1/4	1 11/16	2 7/8
16K3	16	6.3	3/4	1 1/4	1 11/16	2 7/8
16K4	16	7.0	3/4	1 1/4	1 11/16	2 7/8
16K5	16	7.5	3/4	1 1/4	1 11/16	2 7/8
16K6	16	8.1	3/4	1 1/4	1 11/16	2 7/8
16K7	16	8.6	3/4	1 1/4	1 11/16	2 7/8
16K9	16	10.0	3/4	1 1/4	1 11/16	2 7/8
18K3	18	6.6	3/4	1 1/4	1 11/16	2 7/8
18K4	18	7.2	3/4	1 1/4	1 11/16	2 7/8
18K5	18	7.7	3/4	1 1/4	1 11/16	2 7/8
18K6	18	8.5	3/4	1 1/4	1 11/16	2 7/8
18K7	18	9.0	3/4	1 1/4	1 11/16	2 7/8
18K9	18	10.2	3/4	1 1/4	1 11/16	2 7/8
18K10	18	11.7	3/4	1 1/4	1 11/16	2 7/8
20K3	20	6.7	3/4	1 1/4	1 11/16	2 7/8
20K4	20	7.6	3/4	1 1/4	1 11/16	2 7/8
20K5	20	8.2	3/4	1 1/4	1 11/16	2 7/8
20K6	20	8.9	3/4	1 1/4	1 11/16	2 7/8
20K7	20	9.3	3/4	1 1/4	1 11/16	2 7/8
20K9	20	10.8	3/4	1 1/4	1 11/16	2 7/8
20K10	20	12.2	3/4	1 1/4	1 11/16	2 7/8

Maximum 30,000 psi (30 ksi joists)

Refer to Design S751 for joists spaced 4' OC or less

P819 *Unrestrained Assembly*

Protected Roof Deck

Polyisocyanurate Insulation with or without Gypsum Board

CAFCO® FENDOLITE® M-II, TG & ISOLATEK® Type M-II, TG

Joist Designation	Depth (in.)	Approx. Wt (lbs./ft.)	1-Hour	1-1/2 Hour	2-Hour	3-Hour
22K4	22	8.0	3/4	1 1/4	1 11/16	2 7/8
22K5	22	8.8	3/4	1 1/4	1 11/16	2 7/8
22K6	22	9.2	3/4	1 1/4	1 11/16	2 7/8
22K7	22	9.7	3/4	1 1/4	1 11/16	2 7/8
22K9	22	11.9	3/4	1 1/4	1 11/16	2 7/8
22K10	22	12.6	3/4	1 1/4	1 11/16	2 7/8
22K11	22	13.8	3/4	1 1/4	1 11/16	2 7/8
24K4	24	8.4	3/4	1 1/4	1 11/16	2 7/8
24K5	24	9.3	3/4	1 1/4	1 11/16	2 7/8
24K6	24	9.7	3/4	1 1/4	1 11/16	2 7/8
24K7	24	10.1	3/4	1 1/4	1 11/16	2 7/8
24K8	24	11.5	3/4	1 1/4	1 11/16	2 7/8
24K9	24	12.0	3/4	1 1/4	1 11/16	2 7/8
24K10	24	13.1	3/4	1 1/4	1 11/16	2 7/8
24K12	24	16.0	3/4	1 1/4	1 11/16	2 7/8
26K5	26	9.8	3/4	1 1/4	1 11/16	2 7/8
26K6	26	10.6	3/4	1 1/4	1 11/16	2 7/8
26K7	26	10.9	3/4	1 1/4	1 11/16	2 7/8
26K8	26	12.1	3/4	1 1/4	1 11/16	2 7/8
26K9	26	12.2	3/4	1 1/4	1 11/16	2 7/8
26K10	26	13.8	3/4	1 1/4	1 11/16	2 7/8
26K12	26	16.6	3/4	1 1/4	1 11/16	2 7/8
28K6	28	11.4	3/4	1 1/4	1 11/16	2 7/8
28K7	28	11.8	3/4	1 1/4	1 11/16	2 7/8
28K8	28	12.7	3/4	1 1/4	1 11/16	2 7/8
28K9	28	13.0	3/4	1 1/4	1 11/16	2 7/8
28K10	28	14.3	3/4	1 1/4	1 11/16	2 7/8
28K12	28	17.1	3/4	1 1/4	1 11/16	2 7/8
30K7	30	12.3	3/4	1 1/4	1 11/16	2 7/8
30K8	30	13.2	3/4	1 1/4	1 11/16	2 7/8
30K9	30	13.4	3/4	1 1/4	1 11/16	2 7/8
30K10	30	15.0	3/4	1 1/4	1 11/16	2 7/8
30K11	30	16.4	3/4	1 1/4	1 11/16	2 7/8
30K12	30	17.6	3/4	1 1/4	1 11/16	2 7/8
18LH02	18	10	3/4	1 1/4	1 11/16	2 7/8
18LH03	18	11	3/4	1 1/4	1 11/16	2 7/8
18LH04	18	12	3/4	1 1/4	1 11/16	2 7/8

Maximum 30,000 psi (30 ksi joists)

Refer to Design S751 for joists spaced 4' OC or less

P819 *Unrestrained Assembly*

Protected Roof Deck

Polyisocyanurate Insulation with or without Gypsum Board

CAFCO® FENDOLITE® M-II, TG & ISOLATEK® Type M-II, TG

Joist Designation	Depth (in.)	Approx. Wt (lbs./ft.)	1-Hour	1-1/2 Hour	2-Hour	3-Hour
18LH05	18	15	3/4	1 1/4	1 11/16	2 7/8
18LH06	18	15	3/4	1 1/4	1 11/16	2 7/8
18LH07	18	17	3/4	1 1/4	1 11/16	2 7/8
18LH08	18	19	3/4	1 1/4	1 11/16	2 7/8
18LH09	18	21	3/4	1 1/4	1 11/16	2 7/8
20LH02	20	10	3/4	1 1/4	1 11/16	2 7/8
20LH03	20	11	3/4	1 1/4	1 11/16	2 7/8
20LH04	20	12	3/4	1 1/4	1 11/16	2 7/8
20LH05	20	14	3/4	1 1/4	1 11/16	2 7/8
20LH06	20	15	3/4	1 1/4	1 11/16	2 7/8
20LH07	20	17	3/4	1 1/4	1 11/16	2 7/8
20LH08	20	19	3/4	1 1/4	1 11/16	2 7/8
20LH09	20	21	3/4	1 1/4	1 11/16	2 7/8
20LH10	20	23	3/4	1 1/4	1 11/16	2 7/8
24LH03	24	11	3/4	1 1/4	1 11/16	2 7/8
24LH04	24	12	3/4	1 1/4	1 11/16	2 7/8
24LH05	24	13	3/4	1 1/4	1 11/16	2 7/8
24LH06	24	16	3/4	1 1/4	1 11/16	2 7/8
24LH07	24	17	3/4	1 1/4	1 11/16	2 7/8
24LH08	24	18	3/4	1 1/4	1 11/16	2 7/8
24LH09	24	21	3/4	1 1/4	1 11/16	2 7/8
24LH10	24	23	3/4	1 1/4	1 11/16	2 7/8
24LH11	24	25	3/4	1 1/4	1 11/16	2 7/8
28LH05	28	13	3/4	1 1/4	1 11/16	2 7/8
28LH06	28	16	3/4	1 1/4	1 11/16	2 7/8
28LH07	28	17	3/4	1 1/4	1 11/16	2 7/8
28LH08	28	18	3/4	1 1/4	1 11/16	2 7/8
28LH09	28	21	3/4	1 1/4	1 11/16	2 7/8
28LH10	28	23	3/4	1 1/4	1 11/16	2 7/8
28LH11	28	25	3/4	1 1/4	1 11/16	2 7/8
28LH12	28	27	3/4	1 1/4	1 11/16	2 7/8
28LH13	28	30	3/4	1 1/4	1 11/16	2 7/8
32LH06	32	14	3/4	1 1/4	1 11/16	2 7/8
32LH07	32	16	3/4	1 1/4	1 11/16	2 7/8
32LH08	32	17	3/4	1 1/4	1 11/16	2 7/8
32LH09	32	21	3/4	1 1/4	1 11/16	2 7/8
32LH10	32	21	3/4	1 1/4	1 11/16	2 7/8
32LH11	32	24	3/4	1 1/4	1 11/16	2 7/8

Maximum 30,000 psi (30 ksi joists)

Refer to Design S751 for joists spaced 4' OC or less

P819 *Unrestrained Assembly*

Protected Roof Deck

Polyisocyanurate Insulation with or without Gypsum Board

CAFCO® FENDOLITE® M-II, TG & ISOLATEK® Type M-II, TG

Joist Designation	Depth (in.)	Approx. Wt (lbs./ft.)	1-Hour	1-1/2 Hour	2-Hour	3-Hour
32LH12	32	27	3/4	1 1/4	1 11/16	2 7/8
32LH13	32	30	3/4	1 1/4	1 11/16	2 7/8
32LH14	32	33	3/4	1 1/4	1 11/16	2 7/8
32LH15	32	35	3/4	1 1/4	1 11/16	2 7/8
36LH07	36	16	3/4	1 1/4	1 11/16	2 7/8
36LH08	36	18	3/4	1 1/4	1 11/16	2 7/8
36LH09	36	21	3/4	1 1/4	1 11/16	2 7/8
36LH10	36	21	3/4	1 1/4	1 11/16	2 7/8
36LH11	36	23	3/4	1 1/4	1 11/16	2 7/8
36LH12	36	25	3/4	1 1/4	1 11/16	2 7/8
36LH13	36	30	3/4	1 1/4	1 11/16	2 7/8
36LH14	36	36	3/4	1 1/4	1 11/16	2 7/8
36LH15	36	36	3/4	1 1/4	1 11/16	2 7/8
40LH08	40	16	3/4	1 1/4	1 11/16	2 7/8
40LH09	40	21	3/4	1 1/4	1 11/16	2 7/8
40LH10	40	21	3/4	1 1/4	1 11/16	2 7/8
40LH11	40	22	3/4	1 1/4	1 11/16	2 7/8
40LH12	40	25	3/4	1 1/4	1 11/16	2 7/8
40LH13	40	30	3/4	1 1/4	1 11/16	2 7/8
40LH14	40	35	3/4	1 1/4	1 11/16	2 7/8
40LH15	40	36	3/4	1 1/4	1 11/16	2 7/8
40LH16	40	42	3/4	1 1/4	1 11/16	2 7/8
44LH09	44	19	3/4	1 1/4	1 11/16	2 7/8
44LH10	44	21	3/4	1 1/4	1 11/16	2 7/8
44LH11	44	22	3/4	1 1/4	1 11/16	2 7/8
44LH12	44	25	3/4	1 1/4	1 11/16	2 7/8
44LH13	44	30	3/4	1 1/4	1 11/16	2 7/8
44LH14	44	31	3/4	1 1/4	1 11/16	2 7/8
44LH15	44	36	3/4	1 1/4	1 11/16	2 7/8
44LH16	44	42	3/4	1 1/4	1 11/16	2 7/8
44LH17	44	47	3/4	1 1/4	1 11/16	2 7/8
48LH10	48	21	3/4	1 1/4	1 11/16	2 7/8
48LH11	48	22	3/4	1 1/4	1 11/16	2 7/8
48LH12	48	25	3/4	1 1/4	1 11/16	2 7/8
48LH13	48	29	3/4	1 1/4	1 11/16	2 7/8
48LH14	48	32	3/4	1 1/4	1 11/16	2 7/8
48LH15	48	36	3/4	1 1/4	1 11/16	2 7/8
48LH16	48	42	3/4	1 1/4	1 11/16	2 7/8
48LH17	48	47	3/4	1 1/4	1 11/16	2 7/8
52DLH10	52	25	3/4	1 1/4	1 11/16	2 7/8
52DLH11	52	26	3/4	1 1/4	1 11/16	2 7/8

Maximum 30,000 psi (30 ksi joists)

Refer to Design S751 for joists spaced 4' OC or less

P819 *Unrestrained Assembly*

Protected Roof Deck

Polyisocyanurate Insulation with or without Gypsum Board

CAFCO® FENDOLITE® M-II, TG & ISOLATEK® Type M-II, TG

Joist Designation	Depth (in.)	Approx. Wt (lbs./ft.)	1-Hour	1-1/2 Hour	2-Hour	3-Hour
52DLH12	52	29	3/4	1 1/4	1 11/16	2 7/8
52DLH13	52	34	3/4	1 1/4	1 11/16	2 7/8
52DLH14	52	39	3/4	1 1/4	1 11/16	2 7/8
52DLH15	52	42	3/4	1 1/4	1 11/16	2 7/8
52DLH16	52	45	3/4	1 1/4	1 11/16	2 7/8
52DLH17	52	52	3/4	1 1/4	1 11/16	2 7/8
56DLH11	56	26	3/4	1 1/4	1 11/16	2 7/8
56DLH12	56	30	3/4	1 1/4	1 11/16	2 7/8
56DLH13	56	34	3/4	1 1/4	1 11/16	2 7/8
56DLH14	56	39	3/4	1 1/4	1 11/16	2 7/8
56DLH15	56	42	3/4	1 1/4	1 11/16	2 7/8
56DLH16	56	46	3/4	1 1/4	1 11/16	2 7/8
56DLH17	56	51	3/4	1 1/4	1 11/16	2 7/8
60DLH12	60	29	3/4	1 1/4	1 11/16	2 7/8
60DLH13	60	35	3/4	1 1/4	1 11/16	2 7/8
60DLH14	60	40	3/4	1 1/4	1 11/16	2 7/8
60DLH15	60	43	3/4	1 1/4	1 11/16	2 7/8
60DLH16	60	46	3/4	1 1/4	1 11/16	2 7/8
60DLH17	60	52	3/4	1 1/4	1 11/16	2 7/8
60DLH18	60	59	3/4	1 1/4	1 11/16	2 7/8
64DLH12	64	31	3/4	1 1/4	1 11/16	2 7/8
64DLH13	64	34	3/4	1 1/4	1 11/16	2 7/8
64DLH14	64	40	3/4	1 1/4	1 11/16	2 7/8
64DLH15	64	43	3/4	1 1/4	1 11/16	2 7/8
64DLH16	64	46	3/4	1 1/4	1 11/16	2 7/8
64DLH17	64	52	3/4	1 1/4	1 11/16	2 7/8
64DLH18	64	59	3/4	1 1/4	1 11/16	2 7/8
68DLH13	68	37	3/4	1 1/4	1 11/16	2 7/8
68DLH14	68	40	3/4	1 1/4	1 11/16	2 7/8
68DLH15	68	44	3/4	1 1/4	1 11/16	2 7/8
68DLH16	68	49	3/4	1 1/4	1 11/16	2 7/8
68DLH17	68	55	3/4	1 1/4	1 11/16	2 7/8
68DLH18	68	61	3/4	1 1/4	1 11/16	2 7/8
68DLH19	68	67	3/4	1 1/4	1 11/16	2 7/8
72DLH14	72	41	3/4	1 1/4	1 11/16	2 7/8
72DLH15	72	44	3/4	1 1/4	1 11/16	2 7/8
72DLH16	72	50	3/4	1 1/4	1 11/16	2 7/8
72DLH17	72	56	3/4	1 1/4	1 11/16	2 7/8
72DLH18	72	59	3/4	1 1/4	1 11/16	2 7/8
72DLH19	72	70	3/4	1 1/4	1 11/16	2 7/8

Maximum 30,000 psi (30 ksi joists)

Refer to Design S751 for joists spaced 4' OC or less