

TIME IN MINS	TEMPERATURES IN DEG.C	
	X53	X75
0.0	21	21
0.5	21	21
1.0	21	21
1.5	21	21
2.0	21	21
2.5	21	21
3.0	21	21
3.5	21	21
4.0	21	21
4.5	21	21
5.0	21	21
5.5	21	21
6.0	21	21
6.5	21	21
7.0	21	21
7.5	22	21
8.0	27	21
8.5	41	21
9.0	61	21
9.5	85	22
10.0	108	23
10.5	136	25
11.0	192	28
11.5	293	31
12.0	491	37
12.5	489	48
13.0	502	58
13.5	521	61
14.0	550	62
14.5	580	63
15.0	584	63
15.5	596	63
16.0	597	63
16.5	599	65
17.0	606	65
17.5	609	69
18.0	602	79
18.5	604	95
19.0	601	112
19.5	606	130
20.0	609	147
20.5	608	162
21.0	614	176
21.5	613	190
22.0	613	202
22.5	613	214
23.0	612	225
23.5	619	235
24.0	628	244
24.5	640	253
25.0	647	260
25.5	647	268
26.0	652	276
26.5	657	283
27.0	664	291
27.5	660	297
28.0	660	305
28.5	658	313
29.0	659	320
29.5	657	328
30.0	651	336
30.5	648	343
31.0	646	349
31.5	645	354
32.0	643	357
32.5	640	361

Internal and External Surface Temperatures of 50mm Fire Barrier. Table 8.1

33.0	638	365
33.5	640	369
34.0	641	371
34.5	632	375
35.0	624	378
35.5	627	381
36.0	632	384
36.5	631	388
37.0	630	392
37.5	635	397
38.0	637	399
38.5	635	403
39.0	637	408
39.5	643	411
40.0	651	418
40.5	662	426
41.0	674	433
41.5	692	442
42.0	709	453
42.5	723	465
43.0	735	477
43.5	747	490
44.0	756	503
44.5	765	517
45.0	771	530
45.5	781	539
46.0	783	546
46.5	783	562
47.0	781	576
47.5	779	588
48.0	779	596
48.5	774	603
49.0	771	608
49.5	767	612
50.0	757	613
50.5	749	614
51.0	738	613
51.5	727	611
52.0	719	608
52.5	711	604
53.0	709	600
53.5	698	595
54.0	689	591
54.5	682	587
55.0	677	583
55.5	673	579
56.0	669	575
56.5	668	571
57.0	667	567
57.5	665	564
58.0	665	562
58.5	665	560
59.0	664	558
59.5	660	556
60.0	660	554
60.5	659	549
61.0	657	545
61.5	654	542
62.0	653	540
62.5	649	539
63.0	650	537
63.5	652	535
64.0	653	534
64.5	655	534
65.0	652	534
65.5	648	534
66.0	641	534
66.5	635	535
67.0	631	535
67.5	629	534

Internal and External Surface Temperatures of 50mm Fire Barrier. Table 8.1

68.0	619	533
68.5	611	531
69.0	606	529
69.5	600	527
70.0	592	525
70.5	584	522
71.0	573	520
71.5	565	517
72.0	561	513
72.5	554	510
73.0	550	507
73.5	545	504
74.0	539	501
74.5	533	497
75.0	524	494
75.5	515	491
76.0	507	487
76.5	498	483
77.0	491	479
77.5	484	476
78.0	478	472
78.5	472	468
79.0	467	465
79.5	463	461
80.0	460	457
80.5	457	454
81.0	452	450
81.5	446	447
82.0	439	444
82.5	431	440
83.0	424	437
83.5	418	433
84.0	413	430
84.5	408	426
85.0	403	423
85.5	399	419
86.0	395	415
86.5	390	412
87.0	387	408
87.5	383	405
88.0	379	401
88.5	375	398
109.0	277	296
119.0	244	263
129.0	218	235
139.0	196	211
149.0	178	190
159.0	165	173
169.0	157	157
179.0	151	145
189.0	144	133
199.0	137	124
209.0	129	117
219.0	122	109
229.0	117	103
239.0	112	97
249.0	108	92
259.0	104	88
269.0	100	85
279.0	97	82
289.0	93	79
299.0	91	76
309.0	88	74
319.0	86	72
329.0	83	70
339.0	81	68
349.0	79	66
359.0	77	64
369.0	76	63
379.0	74	61

Internal and External Surface Temperatures of 50mm Fire Barrier. Table 8.1

389.0	72	60
399.0	70	59
409.0	68	57
419.0	67	56
429.0	66	55
439.0	65	54
449.0	63	53
459.0	62	52
469.0	61	52
479.0	59	51
489.0	58	50
499.0	57	49
509.0	56	49
519.0	55	48
529.0	54	47
539.0	53	47
549.0	52	46
559.0	51	45
569.0	50	45
579.0	50	45
589.0	49	44
599.0	49	44
609.0	48	43
619.0	47	43
629.0	47	42
639.0	46	42
649.0	45	41
659.0	45	41
669.0	44	40
679.0	43	40
689.0	43	40
699.0	42	39
709.0	42	39
719.0	41	38
729.0	41	38
739.0	40	38
749.0	40	37
759.0	40	37
769.0	39	37
779.0	39	37
789.0	38	36
799.0	38	36
809.0	38	36
819.0	37	36
829.0	37	35

Internal and External Surface Temperatures of 50mm Fire Barrier. Table 8.1