

Trouble shooting

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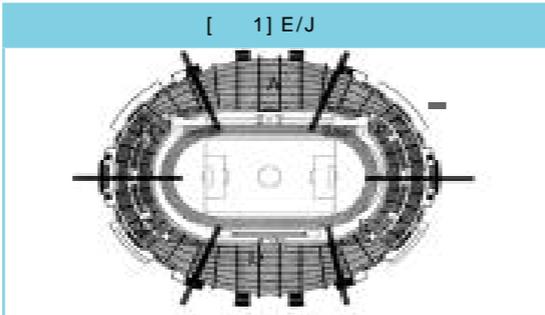
1.

1.1

(EXPANSION JOINT)

EXPANSION JOINT(“ E/J ”)

[1] E/J



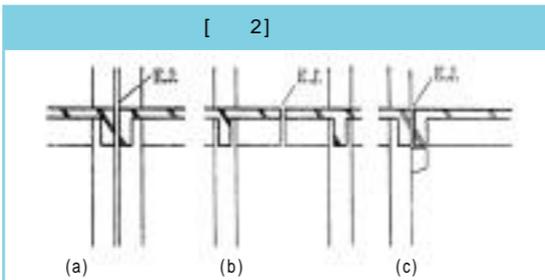
1.2 EXPANSION JOINT

2. EXPANSION JOINT

E/J 3가

E/J

[2]



1.3

가 600M

6

50MM

EXPANSION JOINT COVER (“ E.J.C ”)

3. EXPANSION JOINT

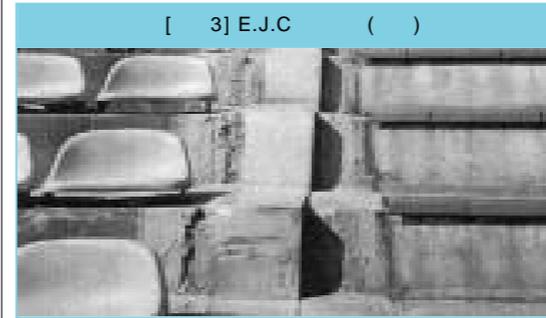
E/J

E.J.C

E/J

가 E/J

[3] E.J.C ()



3.1

E/J

E/J

E.J.C

[1] E/J

E/J	(mm)	(mm)
8	50	400
8	80 ~ 40	480
12	50	600
8	150	1,200
4	50	200
8	100	800
6	100	600
10	50	500
8	50 ~ 100	600
6	50	300

E/J

3.2

1)

EXPANSION JOINT

2)

가 (move)

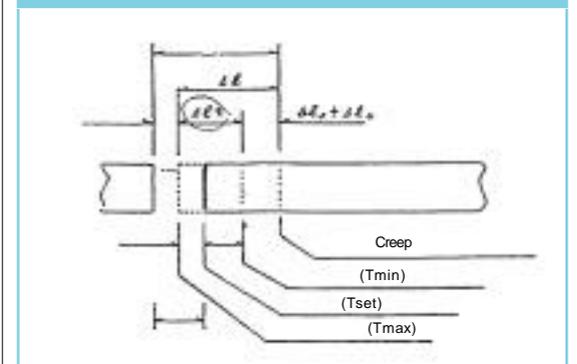
(t), (s), Creep

(c), (r) (

: 10mm + 가 20mm)

$$= t + s + c + r +$$

[4]



3)

PC RC

4

[2]

가			PC	RC
	-10 ~ +40	-10 ~ +40	-5 ~ +35	-5 ~ +35
(A)	0.5x1.2	0.6x1.2	0.4	0.4
			0.2	0.2
가 (B)	0.6	0.72	(0.4 + 0.6(0.4 + 0.2))	(0.4 + 0.2)
			= (hix i)	
		10		
		+ +		
		20		
		(A) + (B)		
		(m)		

* =
* =
* :mm

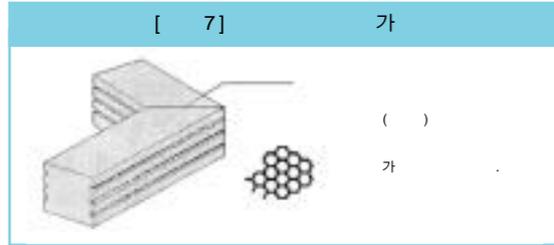
Trouble shooting

가 ,
 가 steel stainless steel
 가 .
 E/J
 가
 ,
 E/J 50MM
 , E/J 50MM
 100MM . E/J 가
 가 X,Y 가
 , 가

250%
 가
 4.6 (100MM) E.J.C
 가

[5]

E/J (mm)	60%			30%			120%		
	100	125	75	50	162.5	112.5	150		
E.J (mm)	E/J	CONC (mm) (A)		EJC (mm) (B)		(A-B) ; O.K			
		MIN	MAX	MIN	MAX				
100	F1	71.4	144.5	50	162.5	O.K			
	F2			50	162.5	O.K			
	F3			50	162.5	O.K			
	F4			50	162.5	O.K			
	W1	71.4	144.5	50	162.5	O.K			
	W2			50	162.5	O.K			
	W3			50	162.5	O.K			
	W4			50	162.5	O.K			
	C1			50	162.5	O.K			
	PC			50	162.5	O.K			

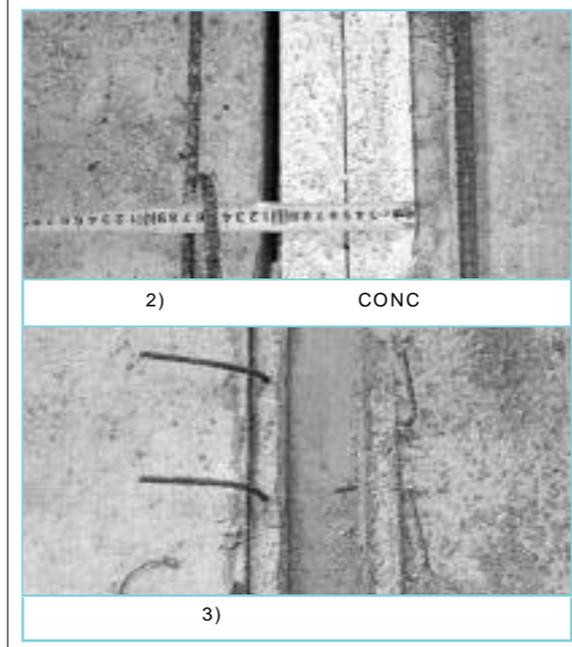
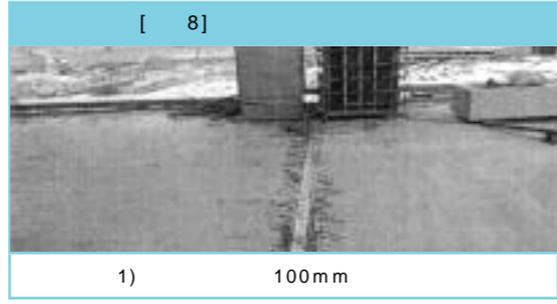


가 ()
 가
 () (48kg/m3) 가
 ~ 50t/m2 -70
 100%
 60%, 30%, 100% ,
 120%, 100%
 (-70 ~71)
 ~ 99%

E/J 25%

4.7 EVAZOTE

- 1) ,
- 2) 가
- 3)
- 4) ()



8. E/J (PIT)

EXPANSION JOINT

가 E/J 가
 E/J (8~9 가

DELAY STRIP

DELAY JOINT
 1) 1 2 2~3ft strip
 2) 2~3 2~3

5. 가 E/J
 가
 10 E.J.C
 ,
 E.J.C
 E/J
 가
 가
 E.J.C
 E/J
 가
 가
 E.J.C
 E/J
 가
 E.J.C
 E.J.C