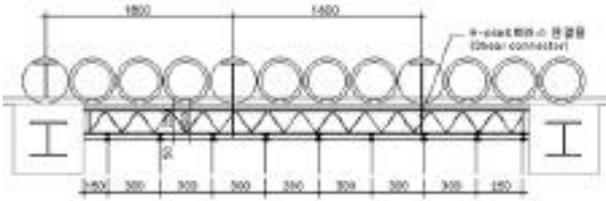


< 2>



< 3>

Open Web Steel Joist

< 2>

< 3>

< 1>

2.2

(Hi-Form Deck)

< 2>, < 3>

2.3

가

가

가

가

가

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가

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가

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가

가

< 1>

	150mm	, D5.8
Snap Tie		
	5.8,	:
	PET/PP Slab Conc	
	: 12mm, 15mm, 17mm, 19mm : 3'x6', 4'x8', 4'x9', 4'x10' (Snap Tie)	
Wedge Pin	Snap Tie	가
	□-150 * 58,	

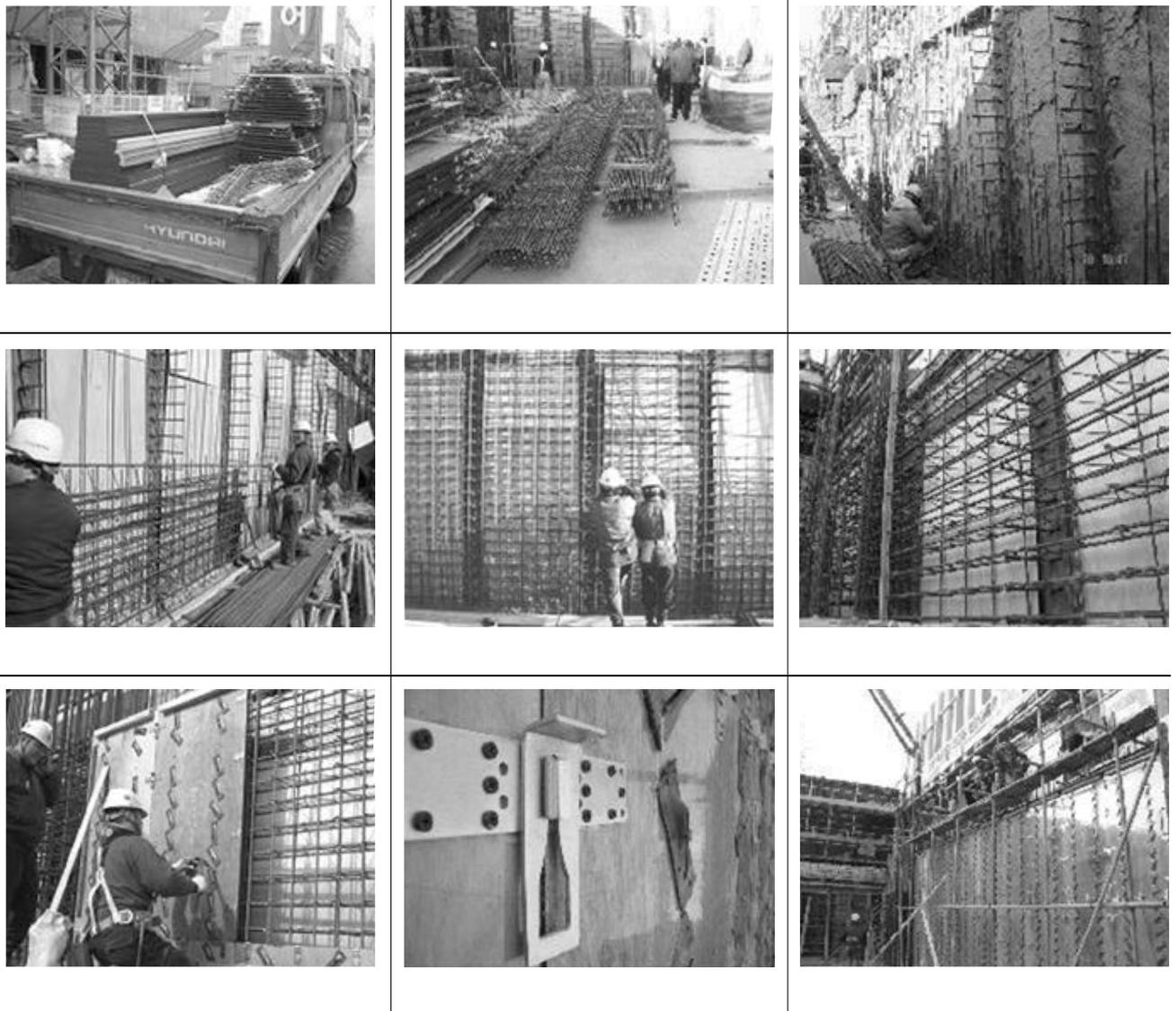
2.4

< 4>

3.

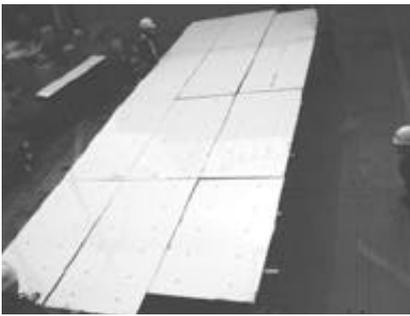
가

< 2 >



< 4 >

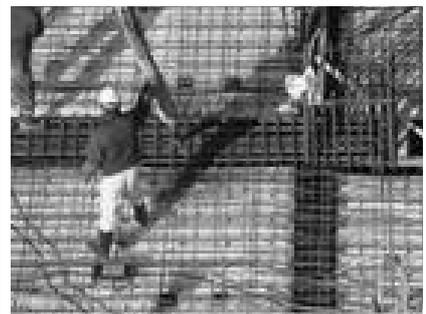
No.								
1	414-2 6		1,131,210㎡	24~34 , 40	3,226	RC	1,2	1~5 ,
2	37가 46 2		52,277㎡	2 , 14		RC	1	1 ~14
3	197-5		46,628㎡	1 , 4		RC	(1) ,	()
4	54		203,947㎡	4 , 14		SRC	:	:
5	36-1		330,282㎡	1 , 13		RC	:	:
6	573-13		22,358㎡	2 , 11		RC	:	:
7	701-1		21,505㎡	7 , 17		RC	:	:
8	190-1	SK	196,562㎡	4 , 15		RC	:	:
9	27가 273-10		8,362㎡	2 , 8		RC	:	:
10	197-28		32,925㎡	2 , 13		RC	:	:



Wedge Pin



Setting



가 가 가 가 . 가 가 46% 가 , 가 3.1 29.2%가

Ferro Deck < 5>

Super Deck Ferro Deck 1m² 가

9 150mm 가

~ 10% , Deck Plate ()

가 가

10% 가 3.2

Super Deck

< 5>

()

		가			가			
	(3)	m ²	1	29,608	29,608	1	1,249	1,249
			1	300	300			
	(3)	m ²	0.3	1,249	375			
	(3)	m ²				1	5,723	5,723
	()	m ²				1	13,723	13,723
		30,283			20,695			
			1	3,915	3,915			
			1	4,570	4,570			
		m ²	0.3	4,766	1,430	1	4,766	4,766
	가	m ²				1	12,002	12,002
		m ²				1	19,311	19,311
		9,915			36,079			
		40,198			56,774			
		70.8%			100%			
		• 3			• 1m ² 25kg			
		• 30%						

		Dcck						
		Super Deck			Ferro Deck			
		가			가			
	Dcck(5%)	m ²	1.05	29,000	30,450	1.05	28,800	30,240
	(D10,D13)	kg	5	527	2,635	5	527	2,635
		kg	5	527	2,635	0.025	2,443	61
			1	259	259	1	259	259
	(3)	m ²	0.3	1,249	375	0.3	1,249	375
		33,780			33,570			
	Deck Plate	m ²	0.025	14,935	375	0.025	14,935	373
	Deck Plate	m ²	1	8,868	8,868	1	8,868	8,868
		m ²	0.3	4,766	1,430	0.3	4,766	1,430
		10,671			10,671			
		44,451			44,241			
		78.3%			77.9%			
		• 1000m ²	250m	m ² 0.25				
		• 30%						

* : 2005 ()

< 6>

				Super Deck	Ferro Deck
(+)	1	62m ²	30m ²	60m ²	60m ²
	()	16.1 (1000m ² ÷ 62m ² /)	33.3	16.7	16.7
	(H)	128.8 (16.1 × 8)	266.4	133.6	133.6
	1	70m ²	50m ²	70m ²	70m ²
	()	14.3 (1000m ² ÷ 70m ² /)	20	14.3	14.3
	(H)	114.4 (14.3 × 8 /)	160	114.4	114.4
+ ()		243.2 (128.8+114.4)	426.4	248	248
1		243.2 ÷ 8 = 30.4, 1000 ÷ 30.4 = 32.9m ² / (+ +)	18.8m ² / (+ +)	32.3m ² / (+)	32.3m ² / (+)
1000m ² (5)		6	10.6	6.2	6.2
		57 %	100%	58%	58%
• 1 8		1000m ² ,			

- 3
1. 2 “ ”, 20 6 , 2004.6.
 2. “Composit Metal Deck Slab System ”, 1997.4.
 3. 4 “ ”, , 2002.4.
 4. 2 “ITECH ”, , 2003.6.
 5. “ ”, ??? , 16 , 2000.6.
 6. “HIFORM DECK ”, 2005.6.
 - 7.() “ ”, , 2005.4
 - 8.() “JIF DECK ”
 - 9.() “Super Deck ”, 1998.
 10. “Ferro Deck ”

4. 3D

가

가