

<ALC>

가

가

, PCM , ,

KS501

ALC

ALC

ALC(Autoclaved Lightweight Concrete :)

가

(180 , 10) 10

Tobermorite

2 가

ALC	
	F
	A
	100
	200
	230
	250
	PO-Ist
	ALC#200
	P-

0.5~2.0mm

가

70%

ALC

3D

ALC 1929
1960

가 Y-tong, SIPOREX, DUROX,
HEBEL 4

ALC (: m³)			
	(BLOCK:PANEL) (1993)		
	1991. 6.	10 (10:0)	1
	1991. 6.	20 (7:3)	4.5
	1992. 6.	10 (3:7)	5
	1992. 7.	15 (9:1)	3.5
	1992. 7.	30 (9:1)	4
	1992. 9.	15 (10:0)	2
	1993. 3.	16.5 (8:2)	2.4
	1993. 5.	13 (5:5)	2.4
		129.5	24.8

JIS-A 6909		
		JIS
	-5 18 . 20 6 , 3	
	3m/s , 6	
	20 18 , -20 3 , 50 3 , 10	
	(6)	1cm
	Ca(OH) ² (pH=13)	
	Carbon arc (照射) (250)	gray scale 3
	Mortar	5
	(kg/cm²)	3
	450kg 500	가
	500g 30cm	

) gray scale : (色差)
(gray scale 3 : 3.4 ± 0.4%)

ALC가 70 가 80
, 3D , 200 ALC 86
가 . ALC
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가 가 가
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가
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[illegible][illegible]

92 m³, 15 m³, 95, 30

30 m³, 가 가 20 m²

ALC (: m³,%)				
1986	1,400	-	1,000	-
1987	6,500	360	3,000	200
1988	7,700	18	7,100	137
1989	18,300	138	19,400	173
1990	36,400	99	30,200	156
1991	54,200	49	47,600	157
1992	263,307	386	210,955	343
1993	350,000	33	248,000	18
1994	-	-	438,000	75

ALC (1994) (: m³)			
	BLOCK	PANEL	
	430,000	30,000	460,000
	50,000	5,500	55,500
	250,000	10,000	260,000
	124,000	7,300	131,300
	424,000	22,800	446,800

ALC, 가

ALC

< 1995/5/15>