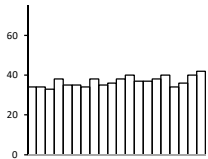
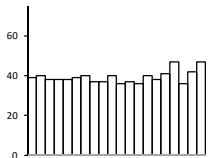
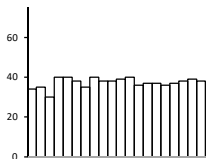
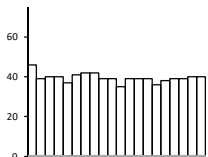
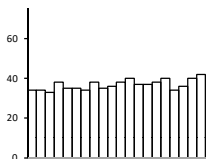
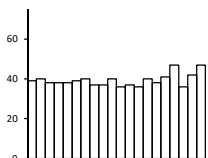
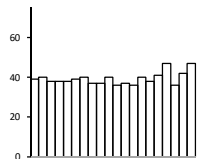
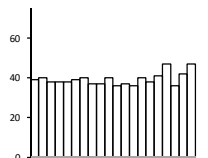
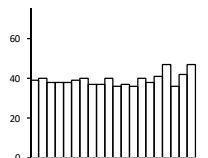
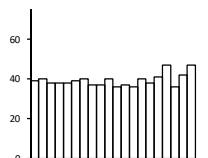
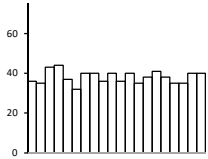
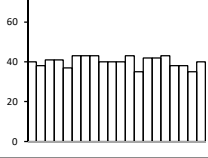
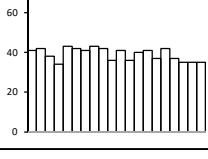
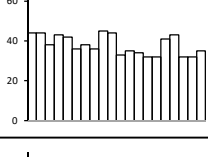
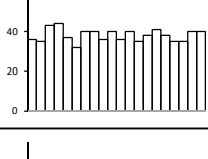
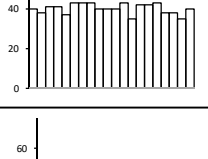
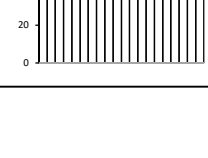


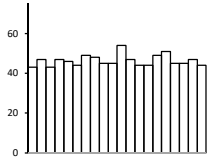
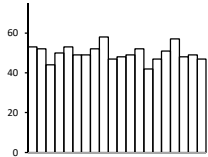
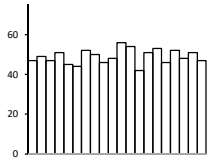
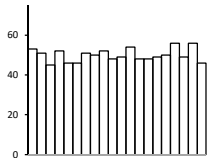
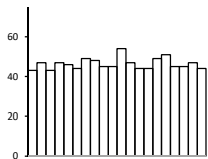
패널식옹벽 01

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수 α_n	추 정 압축강도 F_c (MPa)	측정데이터
							타각보정	습윤보정								
						R	$\angle R_1$	$\angle R_2$	R_0	a						
S1	34	35	35	37	34	36.7	0.00	0.00	36.7	0	과학기술부	53.6	800	0.66	35.4	
	34	35	36	37	36						권영웅 외	45.8	800	0.66	30.2	
	33	34	38	38	40											
	38	38	40	40	42						평균				32.8	
S3	39	38	37	36	47	39.3	0.00	0.00	39.3	0	과학기술부	57.4	800	0.66	37.9	
	40	39	40	40	36						권영웅 외	51.7	800	0.66	34.2	
	38	40	36	38	42											
	38	37	37	41	47						평균				36.0	
S5	34	40	38	36	37	37.3	0.00	0.00	37.3	0	과학기술부	54.4	800	0.66	35.9	
	35	38	38	37	38						권영웅 외	47.0	800	0.66	31.0	
	30	35	39	37	39											
	40	40	40	36	38						평균				33.5	
S7	46	37	39	39	39	39.5	0.00	0.00	39.5	0	과학기술부	57.7	800	0.66	38.1	
	39	41	39	39	39						권영웅 외	52.1	800	0.66	34.4	
	40	42	35	36	40											
	40	42	39	38	40						평균				36.2	
S9	36	42	47	38	44	39.9	0.00	0.00	39.9	0	과학기술부	58.3	800	0.66	38.4	
	37	39	45	37	40						권영웅 외	53.0	800	0.66	35.0	
	40	42	35	35	46											
	44	35	40	35	40						평균				36.7	
S11	36	37	39	37	39	38.4	0.00	0.00	38.4	0	과학기술부	56.0	800	0.66	37.0	
	36	41	42	39	36						권영웅 외	49.6	800	0.66	32.7	
	41	37	36	40	36											
	38	38	40	39	40						평균				34.8	
S13	44	39	39	35	36	37.4	0.00	0.00	37.4	0	과학기술부	54.5	800	0.66	36.0	
	40	38	39	32	33						권영웅 외	47.3	800	0.66	31.2	
	35	37	30	39	36											
	40	42	40	38	35						평균				33.6	
S15	40	39	36	33	33	36.8	0.00	0.00	36.8	0	과학기술부	53.6	800	0.66	35.4	
	32	39	38	37	38						권영웅 외	45.9	800	0.66	30.3	
	40	42	38	35	35											
	40	32	39	31	38						평균				32.8	
S17	40	34	35	37	32	36.8	0.00	0.00	36.8	0	과학기술부	53.6	800	0.66	35.4	
	37	35	37	39	34						권영웅 외	45.9	800	0.66	30.3	
	35	35	41	43	36											
	32	40	40	35	38						평균				32.8	
S19	36	32	38	40	36	37.2	0.00	0.00	37.2	0	과학기술부	54.2	800	0.66	35.8	
	38	38	35	40	38						권영웅 외	46.8	800	0.66	30.9	
	36	40	38	38	41											
	34	36	34	34	41						평균				33.3	

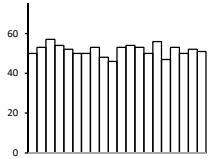
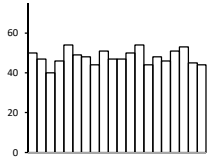
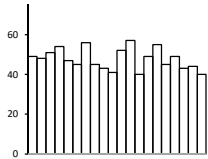
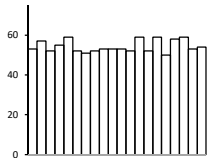
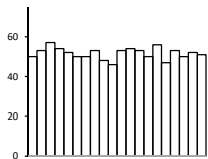
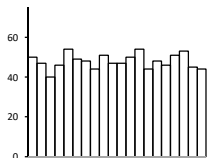
패널식옹벽 02

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수 α_n	추 정 압축강도 F_c (MPa)	측정데이터
							타각보정	습윤보정								
						R	$\angle R_1$	$\angle R_2$	R_0	a						
S2	36	37	36	35	35	38.1	0.00	0.00	38.1	0	과학기술부	55.6	800	0.66	36.7	
	35	32	40	38	35						권영웅 외	48.9	800	0.66	32.3	
	43	40	36	41	40											
	44	40	40	38	40						평균				34.5	
S4	40	37	40	35	38	40.1	0.00	0.00	40.1	0	과학기술부	58.6	800	0.66	38.7	
	38	43	40	42	38						권영웅 외	53.6	800	0.66	35.4	
	41	43	40	42	35											
	41	43	43	43	40						평균				37.0	
S6	41	43	42	40	37	39.1	0.00	0.00	39.1	0	과학기술부	57.1	800	0.66	37.7	
	42	42	36	41	35						권영웅 외	51.2	800	0.66	33.8	
	38	41	41	37	35											
	34	43	36	42	35						평균				35.7	
S8	44	42	45	34	43	38.0	0.00	0.00	38.0	0	과학기술부	55.4	800	0.66	36.6	
	44	36	44	32	32						권영웅 외	48.6	800	0.66	32.1	
	38	38	33	32	32											
	43	36	35	41	35						평균				34.3	
S10	37	34	35	34	35	41.9	0.00	0.00	41.9	0	과학기술부	61.2	800	0.66	40.4	
	43	49	44	49	47						권영웅 외	57.6	800	0.66	38.0	
	47	37	47	41	44											
	43	43	43	42	43						평균				39.2	
S12	42	39	37	32	38	37.8	0.00	0.00	37.8	0	과학기술부	55.2	800	0.66	36.4	
	34	39	38	37	39						권영웅 외	48.3	800	0.66	31.9	
	40	42	39	41	37											
	37	35	36	32	42						평균				34.2	
S14	39	34	38	41	38	40.1	0.00	0.00	40.1	0	과학기술부	58.6	800	0.66	38.7	
	37	42	46	43	41						권영웅 외	53.6	800	0.66	35.4	
	41	40	44	36	37											
	43	36	42	38	46						평균				37.0	
S16	41	36	38	38	39	41.7	0.00	0.00	41.7	0	과학기술부	61.0	800	0.66	40.3	
	35	41	39	39	46						권영웅 외	57.3	800	0.66	37.8	
	44	44	45	45	43											
	48	43	41	43	46						평균				39.0	
S18	37	41	36	37	44	41.1	0.00	0.00	41.1	0	과학기술부	60.1	800	0.66	39.7	
	44	45	43	41	36						권영웅 외	55.9	800	0.66	36.9	
	37	49	42	40	37											
	45	47	42	35	44						평균				38.3	

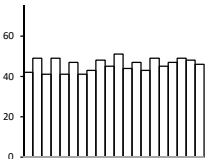
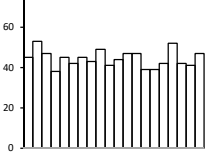
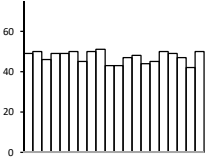
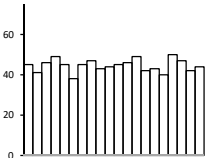
블럭식옹벽 03

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도	측정데이터
						R	타각보정	습윤보정								
							$\angle R_1$	$\angle R_2$	R_0	a					α_n	F_c (MPa)
S1	43	46	45	44	45	46.4	0.00	0.00	46.4	0	일본재료학회	40.9	800	0.66	27.0	
	47	44	45	44	45						일본건축학회	43.0	800	0.66	28.4	
	43	49	54	49	47											
	47	48	47	51	44						평균				27.7	
S3	53	53	58	52	57	49.9	0.00	0.00	49.9	0	일본재료학회	45.3	800	0.66	29.9	
	52	49	47	42	48						일본건축학회	45.5	800	0.66	30.0	
	44	49	48	47	49											
	50	52	49	51	47						평균				30.0	
S5	47	45	46	42	52	49.0	0.00	0.00	49.0	0	일본재료학회	44.2	800	0.66	29.1	
	49	44	48	51	48						일본건축학회	44.8	800	0.66	29.6	
	47	52	56	53	51											
	51	50	54	46	47						평균				29.4	
S7	53	46	52	48	56	50.0	0.00	0.00	50.0	0	일본재료학회	45.4	800	0.66	30.0	
	51	46	48	48	49						일본건축학회	45.5	800	0.66	30.1	
	45	51	49	49	56											
	52	50	54	50	46						평균				30.0	
S9	52	50	42	44	40	47.2	0.00	0.00	47.2	0	일본재료학회	41.9	800	0.66	27.7	
	42	44	46	40	48						일본건축학회	43.6	800	0.66	28.8	
	50	46	52	50	48											
	50	52	50	48	50						평균				28.2	

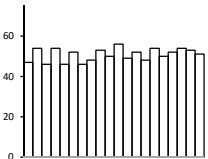
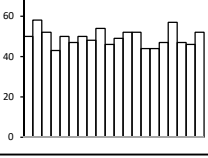
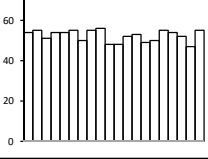
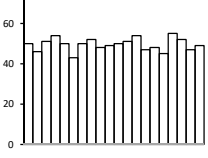
블럭식옹벽 04

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도	측정데이터
							타각보정	습윤보정								
						R	$\angle R_1$	$\angle R_2$	R_0	a				α_n	F_c (MPa)	
S1	50	52	48	53	53	51.6	0.00	0.00	51.6	0	일본재료학회	47.5	800	0.66	31.4	
	53	50	46	50	50						일본건축학회	46.7	800	0.66	30.8	
	57	50	53	56	52											
	54	53	54	47	51						평균				31.1	
S3	50	54	51	54	51	47.9	0.00	0.00	47.9	0	일본재료학회	42.8	800	0.66	28.3	
	47	49	47	44	53						일본건축학회	44.1	800	0.66	29.1	
	40	48	47	48	45											
	46	44	50	46	44						평균				28.7	
S5	49	47	43	40	49	47.7	0.00	0.00	47.7	0	일본재료학회	42.5	800	0.66	28.1	
	48	45	41	49	43						일본건축학회	43.9	800	0.66	29.0	
	51	56	52	55	44											
	54	45	57	45	40						평균				28.5	
S7	53	59	53	59	58	54.3	0.00	0.00	54.3	0	일본재료학회	51.0	800	0.66	33.6	
	57	52	53	52	59						일본건축학회	48.6	800	0.66	32.1	
	52	51	53	59	53											
	55	52	52	50	54						평균				32.9	
S9	54	46	52	48	52	49.2	0.00	0.00	49.2	0	일본재료학회	44.4	800	0.66	29.3	
	50	51	50	46	45						일본건축학회	45.0	800	0.66	29.7	
	55	52	52	53	47											
	50	47	45	43	45						평균				29.5	
S11	40	55	48	52	56	48.7	0.00	0.00	48.7	0	일본재료학회	43.8	800	0.66	28.9	
	52	42	44	48	56						일본건축학회	44.6	800	0.66	29.4	
	50	54	44	42	54											
	52	50	44	44	46						평균				29.2	

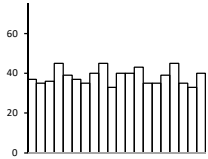
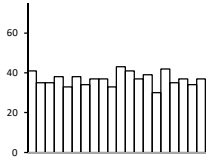
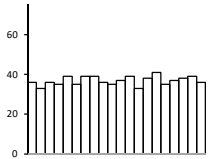
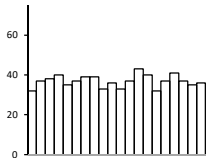
패널식옹벽 05

측정위치	반발경도					평균치	보정치 ΔR		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도	측정데이터
							타각보정	습윤보정								
						R	ΔR_1	ΔR_2	R_0	a				α_n	F_c (MPa)	
S1	42	41	48	47	47	45.8	0.00	0.00	45.8	0	일본재료학회	40.1	800	0.66	26.5	
	49	47	45	43	49						일본건축학회	42.5	800	0.66	28.1	
	41	41	51	49	48											
	49	43	44	45	46						평균				27.3	
S3	45	45	49	47	52	44.4	0.00	0.00	44.4	0	일본재료학회	38.4	800	0.66	25.3	
	53	42	41	39	42						일본건축학회	41.6	800	0.66	27.4	
	47	45	44	39	41											
	38	43	47	42	47						평균				26.4	
S4	49	49	51	48	49	47.4	0.00	0.00	47.4	0	일본재료학회	42.1	800	0.66	27.8	
	50	50	43	44	47						일본건축학회	43.7	800	0.66	28.8	
	46	45	43	45	42											
	49	50	47	50	50						평균				28.3	
S6	45	45	43	49	50	44.6	0.00	0.00	44.6	0	일본재료학회	38.6	800	0.66	25.5	
	41	38	44	42	47						일본건축학회	41.7	800	0.66	27.5	
	46	45	45	43	42											
	49	47	46	40	44						평균				26.5	

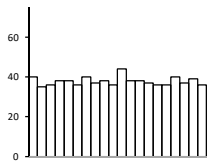
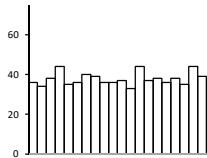
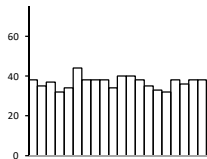
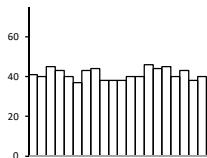
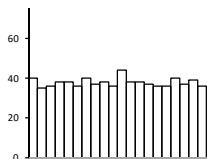
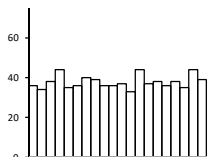
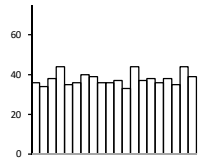
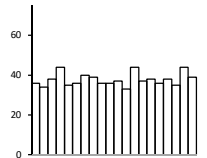
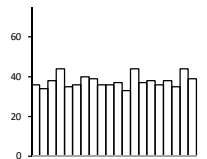
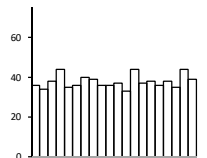
블럭식옹벽 06

측정위치	반발경도					평균치	보정치 ΔR		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도	측정데이터
							타각보정	습윤보정								
						R	ΔR_1	ΔR_2	R_0	a				α_n	F_c (MPa)	
S3	47	46	53	52	52	50.8	0.00	0.00	50.8	0	일본재료학회	46.5	800	0.66	30.7	
	54	52	50	48	54						일본건축학회	46.1	800	0.66	30.4	
	46	46	56	54	53											
	54	48	49	50	51						평균				30.5	
S4	50	50	54	52	57	49.4	0.00	0.00	49.4	0	일본재료학회	44.7	800	0.66	29.5	
	58	47	46	44	47						일본건축학회	45.1	800	0.66	29.8	
	52	50	49	44	46											
	43	48	52	47	52						평균				29.7	
S5	54	54	56	53	54	52.4	0.00	0.00	52.4	0	일본재료학회	48.5	800	0.66	32.0	
	55	55	48	49	52						일본건축학회	47.3	800	0.66	31.2	
	51	50	48	50	47											
	54	55	52	55	55						평균				31.6	
S5	50	50	48	54	55	49.6	0.00	0.00	49.6	0	일본재료학회	44.9	800	0.66	29.7	
	46	43	49	47	52						일본건축학회	45.2	800	0.66	29.9	
	51	50	50	48	47											
	54	52	51	45	49						평균				29.8	

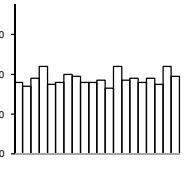
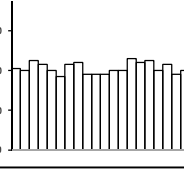
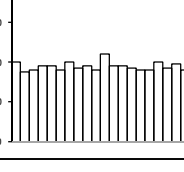
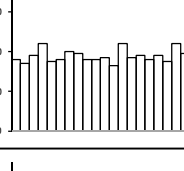
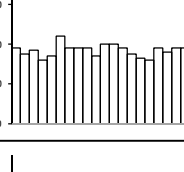
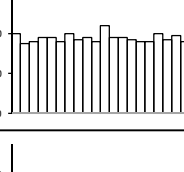
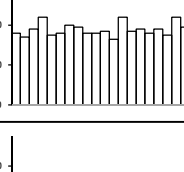
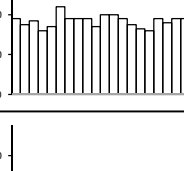
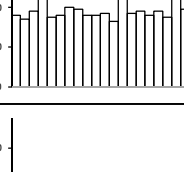
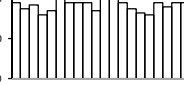
패널식옹벽 07

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	추 정 압축강도		측정데이터
							타각보정	습윤보정								
						R	$\angle R_1$	$\angle R_2$	R_0	a				α_n	F_c (MPa)	
S3	37	39	45	43	45	38.4	0.00	0.00	38.4	0	과학기술부	56.0	800	0.66	37.0	
	35	37	33	35	35						권영웅 외	49.6	800	0.66	32.7	
	36	35	40	35	33											
	45	40	40	39	40						평균				34.8	
S4	41	33	37	37	35	36.8	0.00	0.00	36.8	0	과학기술부	53.7	800	0.66	35.4	
	35	38	33	39	37						권영웅 외	46.0	800	0.66	30.4	
	35	34	43	30	34											
	38	37	41	42	37						평균				32.9	
S5	36	39	36	33	37	36.8	0.00	0.00	36.8	0	과학기술부	53.7	800	0.66	35.4	
	33	35	35	38	38						권영웅 외	46.0	800	0.66	30.4	
	36	39	37	41	39											
	35	39	39	35	36						평균				32.9	
S5	32	35	33	43	41	36.9	0.00	0.00	36.9	0	과학기술부	53.8	800	0.66	35.5	
	37	37	36	40	37						권영웅 외	46.1	800	0.66	30.4	
	38	39	33	32	35											
	40	39	37	37	36						평균				33.0	

패널식옹벽 08

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도	측정데이터
							타각보정	습윤보정								
							R	$\angle R_1$								
S1	40	38	38	38	40	37.8	0.00	0.00	37.8	0	과학기술부	55.1	800	0.66	36.4	
	35	36	36	37	37						권영웅 외	48.2	800	0.66	31.8	
	36	40	44	36	39											
	38	37	38	36	36						평균				34.1	
S3	36	35	36	44	38	37.8	0.00	0.00	37.8	0	과학기술부	55.1	800	0.66	36.4	
	34	36	36	37	35						권영웅 외	48.2	800	0.66	31.8	
	38	40	37	38	44											
	44	39	33	36	39						평균				34.1	
S5	38	34	38	38	38	36.8	0.00	0.00	36.8	0	과학기술부	53.7	800	0.66	35.4	
	35	44	34	35	36						권영웅 외	46.0	800	0.66	30.4	
	37	38	40	33	38											
	32	38	40	32	38						평균				32.9	
S7	41	40	38	40	40	41.2	0.00	0.00	41.2	0	과학기술부	60.2	800	0.66	39.7	
	40	37	38	46	43						권영웅 외	56.0	800	0.66	37.0	
	45	43	38	44	38											
	43	44	40	45	40						평균				38.3	
S9	42	45	42	38	35	40.1	0.00	0.00	40.1	0	과학기술부	58.6	800	0.66	38.7	
	42	44	42	42	40						권영웅 외	53.6	800	0.66	35.4	
	41	44	38	44	40											
	42	36	35	35	35						평균				37.0	
S11	45	32	32	31	33	38.7	0.00	0.00	38.7	0	과학기술부	56.5	800	0.66	37.3	
	43	38	38	37	44						권영웅 외	50.2	800	0.66	33.2	
	41	43	45	39	37											
	41	40	38	38	38						평균				35.2	
S13	36	36	38	40	34	38.1	0.00	0.00	38.1	0	과학기술부	55.6	800	0.66	36.7	
	42	42	42	34	44						권영웅 외	48.9	800	0.66	32.3	
	41	33	35	40	36											
	38	35	42	34	39						평균				34.5	
S15	42	35	38	33	36	36.6	0.00	0.00	36.6	0	과학기술부	53.3	800	0.66	35.2	
	33	37	36	35	39						권영웅 외	45.4	800	0.66	30.0	
	41	37	35	35	36											
	36	36	40	36	35						평균				32.6	
S17	44	42	34	33	40	37.5	0.00	0.00	37.5	0	과학기술부	54.7	800	0.66	36.1	
	34	44	32	30	36						권영웅 외	47.5	800	0.66	31.3	
	36	38	35	44	36											
	38	35	38	36	44						평균				33.7	
S19	38	40	40	42	41	40.6	0.00	0.00	40.6	0	과학기술부	59.3	800	0.66	39.1	
	39	38	43	45	39						권영웅 외	54.6	800	0.66	36.1	
	43	38	40	42	44											
	38	41	40	36	44						평균				37.6	

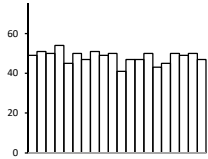
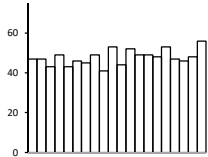
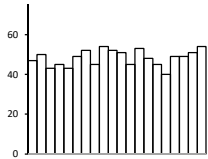
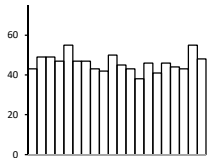
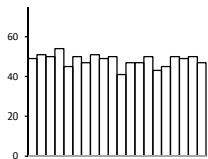
패널식옹벽 08

측정위치	반발경도					평균치 R	보정치 $\angle R$		기준 경도 R_0	타격 각도 a	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수 α_n	추 정 압축강도 F_c (MPa)	측정데이터
							타각보정	습윤보정								
							$\angle R_1$	$\angle R_2$								
S21	38	40	44	42	45	41.7	0.00	0.00	41.7	0	과학기술부	61.0	800	0.66	40.3	
	39	39	40	42	44						권영웅 외	57.3	800	0.66	37.8	
	45	42	36	38	41											
	평균										39.0					
S23	44	40	42	46	44	41.9	0.00	0.00	41.9	0	과학기술부	61.2	800	0.66	40.4	
	44	41	36	40	42						권영웅 외	57.6	800	0.66	38.0	
	46	42	47	38	40											
	평균										39.2					
S25	37	34	38	39	35	36.6	0.00	0.00	36.6	0	과학기술부	53.4	800	0.66	35.3	
	36	35	37	38	35						권영웅 외	45.5	800	0.66	30.0	
	36	42	40	32	38											
	평균										32.7					
S27	45	43	43	43	40	38.1	0.00	0.00	38.1	0	과학기술부	55.6	800	0.66	36.7	
	40	34	33	35	35						권영웅 외	49.0	800	0.66	32.3	
	40	39	38	38	38											
	평균										34.5					
S29	38	43	39	44	39	40.3	0.00	0.00	40.3	0	과학기술부	58.9	800	0.66	38.8	
	40	47	38	36	39						권영웅 외	53.9	800	0.66	35.6	
	38	38	40	43	39											
	평균										37.2					
S31	35	35	35	35	39	37.4	0.00	0.00	37.4	0	과학기술부	54.6	800	0.66	36.0	
	43	43	44	43	40						권영웅 외	47.4	800	0.66	31.3	
	37	38	38	38	35											
	평균										33.7					
S33	41	43	46	39	40	42.7	0.00	0.00	42.7	0	과학기술부	62.4	800	0.66	41.2	
	48	41	39	45	46						권영웅 외	59.5	800	0.66	39.2	
	38	46	43	40	41											
	평균										40.2					
S35	41	44	35	41	38	39.9	0.00	0.00	39.9	0	과학기술부	58.3	800	0.66	38.4	
	44	41	36	38	32						권영웅 외	53.0	800	0.66	35.0	
	45	43	40	38	35											
	평균										36.7					
S37	45	45	42	40	40	40.9	0.00	0.00	40.9	0	과학기술부	59.8	800	0.66	39.5	
	43	39	39	39	38						권영웅 외	55.4	800	0.66	36.6	
	42	40	40	40	39											
	평균										38.0					
S39	44	40	38	38	40	37.1	0.00	0.00	37.1	0	과학기술부	54.2	800	0.66	35.7	
	40	38	39	39	39						권영웅 외	46.7	800	0.66	30.8	
	33	33	34	36	40											
	평균										33.3					

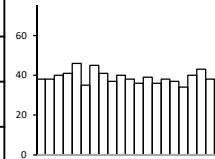
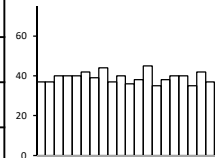
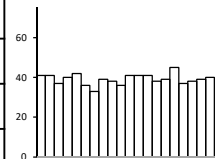
블럭식옹벽 09

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 개수	추 정 압축강도	측정데이터	
							타각보정	습윤보정								
						R	$\angle R_1$	$\angle R_2$	R_0	a	α_n	F_c (MPa)				
S3	50	49	46	46	47	47.6	0.00	0.00	47.6	0	일본재료학회	42.5	800	0.66	28.0	
	48	47	48	46	50						일본건축학회	43.9	800	0.66	28.9	
	49	45	49	48	47											
	50	49	46	45	47						평균			28.5		
S4	48	47	50	51	49	49.6	0.00	0.00	49.6	0	일본재료학회	45.0	800	0.66	29.7	
	53	50	50	52	48						일본건축학회	45.3	800	0.66	29.9	
	49	48	58	47	48											
	49	49	48	49	49						평균			29.8		
S5	46	50	49	54	46	48.0	0.00	0.00	48.0	0	일본재료학회	43.0	800	0.66	28.4	
	47	49	45	54	46						일본건축학회	44.1	800	0.66	29.1	
	44	50	50	51	40											
	49	43	47	38	52						평균			28.7		
S7	49	56	55	51	50	51.9	0.00	0.00	51.9	0	일본재료학회	47.9	800	0.66	31.6	
	54	56	55	48	49						일본건축학회	46.9	800	0.66	31.0	
	49	54	52	56	46											
	57	50	57	49	45						평균			31.3		

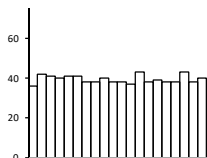
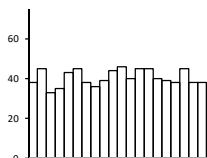
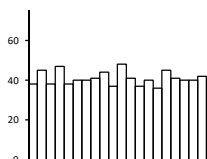
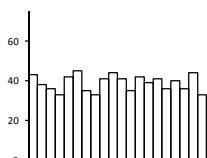
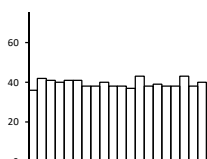
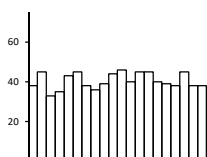
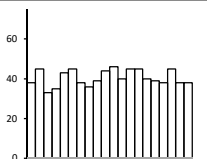
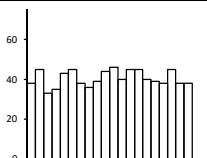
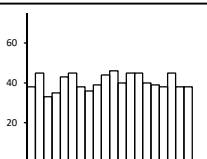
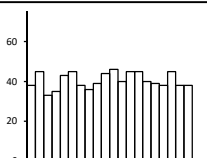
패널식옹벽 10

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도 F_c (MPa)	측정데이터
							타각보정	습윤보정								
						R	$\angle R_1$	$\angle R_2$	R_0	a					α_n	F_c (MPa)
S1	49	45	49	47	50	48.3	0.00	0.00	48.3	0	일본재료학회	43.3	800	0.66	28.6	
	51	50	50	50	49						일본건축학회	44.3	800	0.66	29.2	
	50	47	41	43	50											
	54	51	47	45	47						평균				28.9	
S3	47	43	41	49	47	47.8	0.00	0.00	47.8	0	일본재료학회	42.6	800	0.66	28.1	
	47	46	53	49	46						일본건축학회	44.0	800	0.66	29.0	
	43	45	44	48	48											
	49	49	52	53	56						평균				28.6	
S5	47	43	54	53	49	48.3	0.00	0.00	48.3	0	일본재료학회	43.3	800	0.66	28.6	
	50	49	52	48	49						일본건축학회	44.3	800	0.66	29.2	
	43	52	51	45	51											
	45	45	45	40	54						평균				28.9	
S7	43	55	42	38	44	46.1	0.00	0.00	46.1	0	일본재료학회	40.5	800	0.66	26.7	
	49	47	50	46	43						일본건축학회	42.7	800	0.66	28.2	
	49	47	45	41	55											
	47	43	43	46	48						평균				27.5	
S9	47	43	45	45	40	44.1	0.00	0.00	44.1	0	일본재료학회	37.9	800	0.66	25.0	
	42	43	47	45	45						일본건축학회	41.3	800	0.66	27.3	
	44	43	41	40	44											
	43	48	46	46	44						평균				26.2	

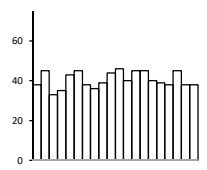
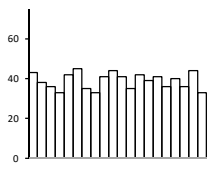
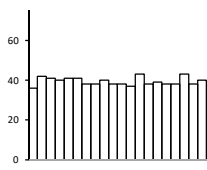
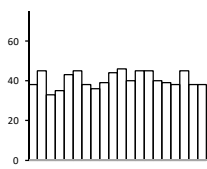
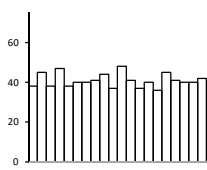
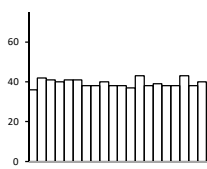
패널식옹벽 11

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도	측정데이터
						R	타각보정 습윤보정									
							$\angle R_1$	$\angle R_2$	R_0	a						
S3	38	46	37	39	34	39.0	0.00	0.00	39.0	0	과학기술부	57.0	800	0.66	37.6	
	38	35	40	36	40						권영웅 외	51.1	800	0.66	33.7	
	40	45	38	38	43											
	41	41	36	37	38						평균				35.7	
S4	37	40	37	45	40	39.1	0.00	0.00	39.1	0	과학기술부	57.1	800	0.66	37.7	
	37	42	40	35	35						권영웅 외	51.3	800	0.66	33.8	
	40	39	36	38	42											
	40	44	38	40	37						평균				35.8	
S5	41	42	38	41	37	39.1	0.00	0.00	39.1	0	과학기술부	57.1	800	0.66	37.7	
	41	36	36	38	38						권영웅 외	51.3	800	0.66	33.8	
	37	33	41	39	39											
	40	39	41	45	40						평균				35.8	

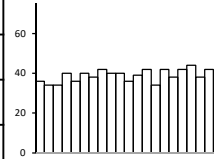
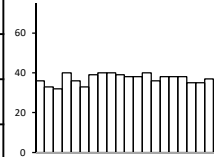
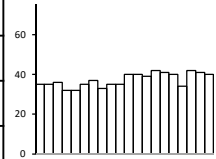
패널식옹벽 12

측정위치	반발경도					평균치 R	보정치 $\angle R$		기준 경도 R_0	타격 각도 a	압축강도 (MPa)	압축 강도 (MPa)	재령 (일) α_n	재령 계수 F_c (MPa)	추 정 압축강도	측정데이터
							타각보정	습윤보정								
							$\angle R_1$	$\angle R_2$								
S2	36	41	40	43	38	39.4	0.00	0.00	39.4	0	과학기술부	57.5	800	0.66	38.0	
	42	41	38	38	43						권영웅 외	51.9	800	0.66	34.2	
	41	38	38	39	38											
	40	38	37	38	40						평균				36.1	
S4	38	43	39	45	38	40.5	0.00	0.00	40.5	0	과학기술부	59.2	800	0.66	39.1	
	45	45	44	45	45						권영웅 외	54.5	800	0.66	36.0	
	33	38	46	40	38											
	35	36	40	39	38						평균				37.5	
S6	38	38	44	37	41	40.9	0.00	0.00	40.9	0	과학기술부	59.8	800	0.66	39.5	
	45	40	37	40	40						권영웅 외	55.4	800	0.66	36.6	
	38	40	48	36	40											
	47	41	41	45	42						평균				38.0	
S8	43	42	41	42	40	38.9	0.00	0.00	38.9	0	과학기술부	56.8	800	0.66	37.5	
	38	45	44	39	36						권영웅 외	50.7	800	0.66	33.5	
	36	35	41	41	44											
	33	33	35	36	33						평균				35.5	
S10	41	38	42	38	38	40.3	0.00	0.00	40.3	0	과학기술부	58.9	800	0.66	38.8	
	48	40	40	36	39						권영웅 외	53.9	800	0.66	35.6	
	45	39	40	40	41											
	38	38	35	42	47						평균				37.2	
S12	35	37	38	33	39	40.7	0.00	0.00	40.7	0	과학기술부	59.4	800	0.66	39.2	
	38	43	39	38	46						권영웅 외	54.9	800	0.66	36.2	
	36	42	46	46	45											
	45	37	40	46	44						평균				37.7	
S14	38	34	41	40	36	37.2	0.00	0.00	37.2	0	과학기술부	54.3	800	0.66	35.8	
	36	35	41	44	41						권영웅 외	46.9	800	0.66	31.0	
	38	34	42	44	36											
	32	33	33	33	33						평균				33.4	
S16	39	41	42	41	35	38.2	0.00	0.00	38.2	0	과학기술부	55.7	800	0.66	36.8	
	35	45	45	45	40						권영웅 외	49.1	800	0.66	32.4	
	33	33	38	33	39											
	38	33	35	38	35						평균				34.6	
S18	36	39	40	35	33	38.2	0.00	0.00	38.2	0	과학기술부	55.7	800	0.66	36.8	
	42	34	37	33	38						권영웅 외	49.1	800	0.66	32.4	
	35	38	35	45	40											
	41	42	42	42	36						평균				34.6	
S20	40	42	40	42	44	37.3	0.00	0.00	37.3	0	과학기술부	54.5	800	0.66	35.9	
	38	40	41	35	38						권영웅 외	47.1	800	0.66	31.1	
	32	34	32	34	32											
	32	40	40	38	32						평균				33.5	

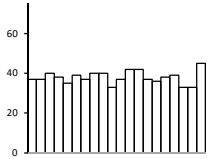
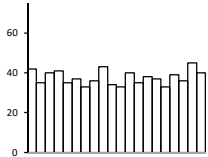
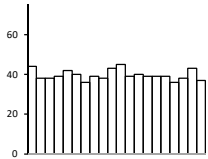
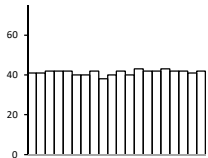
패널식옹벽 12

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도	측정데이터
							타각보정	습윤보정								
S22	34	35	38	36	43	39.1	0.00	0.00	39.1	0	과학기술부	57.1	800	0.66	37.7	
	33	34	40	41	35						권영웅 외	51.3	800	0.66	33.8	
	38	40	44	40	45											
	41	40	44	40	41						평균				35.8	
S24	42	38	41	46	40	40.6	0.00	0.00	40.6	0	과학기술부	59.4	800	0.66	39.2	
	41	40	39	44	39						권영웅 외	54.7	800	0.66	36.1	
	44	42	38	36	36											
	37	45	45	40	39						평균				37.7	
S26	40	46	35	48	40	40.7	0.00	0.00	40.7	0	과학기술부	59.5	800	0.66	39.3	
	37	41	42	42	42						권영웅 외	55.0	800	0.66	36.3	
	39	40	40	40	40											
	40	41	40	41	40						평균				37.8	
S28	41	42	45	42	43	41.0	0.00	0.00	41.0	0	과학기술부	59.9	800	0.66	39.5	
	46	44	40	40	42						권영웅 외	55.5	800	0.66	36.7	
	44	41	38	37	36											
	37	40	42	38	41						평균				38.1	
S30	40	42	47	43	42	41.4	0.00	0.00	41.4	0	과학기술부	60.5	800	0.66	39.9	
	39	46	41	42	43						권영웅 외	56.5	800	0.66	37.3	
	40	42	40	42	38											
	48	38	38	39	37						평균				38.6	
S32	40	40	40	41	42	41.1	0.00	0.00	41.1	0	과학기술부	60.0	800	0.66	39.6	
	40	37	41	48	38						권영웅 외	55.8	800	0.66	36.8	
	39	38	40	40	48											
	41	37	46	42	43						평균				38.2	

패널식옹벽 13

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도	측정데이터
							타각보정	습윤보정								
						R	$\angle R_1$	$\angle R_2$	R_0	a				α_n	F_c (MPa)	
S2	36	36	40	42	42	38.9	0.00	0.00	38.9	0	과학기술부	56.8	800	0.66	37.5	
	34	40	40	34	44						권영웅 외	50.7	800	0.66	33.5	
	34	38	36	42	38											
	40	42	39	38	42						평균				35.5	
S4	36	36	40	40	38	37.1	0.00	0.00	37.1	0	과학기술부	54.1	800	0.66	35.7	
	33	33	39	36	35						권영웅 외	46.6	800	0.66	30.7	
	32	39	38	38	35											
	40	40	38	38	37						평균				33.2	
S6	35	32	35	39	34	37.2	0.00	0.00	37.2	0	과학기술부	54.3	800	0.66	35.8	
	35	35	35	42	42						권영웅 외	46.9	800	0.66	31.0	
	36	37	40	41	41											
	32	33	40	40	40						평균				33.4	

패널식옹벽 14

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도	측정데이터
							타각보정	습윤보정								
						R	$\angle R_1$	$\angle R_2$	R_0	a				α_n	F_c (MPa)	
S2	37	35	40	42	39	37.9	0.00	0.00	37.9	0	과학기술부	55.4	800	0.66	36.5	
	37	39	33	37	33						권영웅 외	48.5	800	0.66	32.0	
	40	37	37	36	33											
	38	40	42	38	45						평균				34.3	
S4	42	35	43	35	39	37.6	0.00	0.00	37.6	0	과학기술부	54.9	800	0.66	36.2	
	35	37	34	38	36						권영웅 외	47.8	800	0.66	31.6	
	40	33	33	37	45											
	41	36	40	33	40						평균				33.9	
S6	44	42	38	40	36	39.6	0.00	0.00	39.6	0	과학기술부	57.9	800	0.66	38.2	
	38	40	43	39	38						권영웅 외	52.4	800	0.66	34.6	
	38	36	45	39	43											
	39	39	39	39	37						평균				36.4	
S8	41	42	38	43	42	41.4	0.00	0.00	41.4	0	과학기술부	60.5	800	0.66	39.9	
	41	40	40	42	42						권영웅 외	56.5	800	0.66	37.3	
	42	40	42	42	41											
	42	42	40	43	42						평균				38.6	

패널식옹벽 15

측정위치	반발경도					평균치	보정치 $\angle R$		기준 경도	타격 각도	압축강도 (MPa)	압축 강도 (MPa)	재령 (일)	재령 계수	추 정 압축강도	측정데이터
							타각보정	습윤보정								
						R	$\angle R_1$	$\angle R_2$	R_0	a				α_n	F_c (MPa)	
S2	40	39	33	35	40	36.7	0.00	0.00	36.7	0	과학기술부	53.5	800	0.66	35.3	
	36	36	33	39	36						권영웅 외	45.6	800	0.66	30.1	
	34	41	33	35	35											
	38	38	41	33	38						평균				32.7	
S4	37	44	44	40	43	37.2	0.00	0.00	37.2	0	과학기술부	54.2	800	0.66	35.8	
	34	37	37	38	43						권영웅 외	46.8	800	0.66	30.9	
	36	31	36	33	32											
	37	35	41	32	33						평균				33.3	
S6	34	35	36	40	40	37.7	0.00	0.00	37.7	0	과학기술부	55.0	800	0.66	36.3	
	37	36	40	42	38						권영웅 외	47.9	800	0.66	31.6	
	33	35	45	35	37											
	32	31	45	44	38						평균				34.0	
S8	39	34	38	39	36	36.6	0.00	0.00	36.6	0	과학기술부	53.4	800	0.66	35.3	
	38	35	34	33	38						권영웅 외	45.5	800	0.66	30.0	
	35	33	39	38	40											
	39	34	36	36	38						평균				32.7	