

Required Concrete Coverage

ADK continues to update their testing methods and procedures in order to insure the best product choice and correct installation guidelines for each project. The following tables show concrete coverage requirements based on ADK's latest information. Note the KM-3030M coverage. This coverage amount is required when using KM-3030M in a construction or cold joint. KM-3030M can be used in a one foot thick wall with a 1/2" expansion joint as shown in the KM-3030M data sheet.

MINIMUM CONCRETE COVERAGE IN CM						
Strength of Concrete	(psi)	2600	3000	3400	3800	4300
	(kgf/cm ²)	180	210	240	270	300
MC-2010MN & 2005	(cm)	12	11	11	11	11
KM-3030M	(cm)	43	41	39	37	36
KBA-1510FP	(cm)	5	5	5	3	3

MINIMUM CONCRETE COVERAGE IN INCHES						
Strength of Concrete	(psi)	2600	3000	3400	3800	4300
	(kgf/cm ²)	180	210	240	270	300
* MC-2010MN & 2005	(inch)	5	4	4	4	4
KM-3030M	(inch)	17	16	16	15	14
KBA-1510FP	(inch)	2	2	2	1	1

*** Due to variations in concrete strength and other factors, REQUIRED MINIMUM COVERAGE = 4~5 INCHES.**

MINIMUM CONCRETE COVERAGE REQUIREMENTS (Must be placed between two rows of rebar 6.5' min wall height)					
Concrete Strength	180 (kgf/cm ²) 2556 (psi)	210 (kgf/cm ²) 2982 (psi)	240 (kgf/cm ²) 3408 (psi)	270 (kgf/cm ²) 3834 (psi)	300 (kgf/cm ²) 4260 (psi)
MC-2010MN Minimum Concrete Coverage	12 (cm) 5 (inches)	11 (cm) 4 (inches)	11 (cm) 4 (inches)	10 (cm) 4 (inches)	10 (cm) 4 (inches)

If construction conditions do not meet above requirements, consider using Adeka Ultraseal KBA-1510FP.

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