



FORMULIR PERENCANAAN CAMPURAN BETON METODE SNI
(SNI 03-2834-2000)

Analisis Perhitungan			
1	M	=	12
2	F'cr	=	37 Mpa
3	Menentukan Fas		
	fas bebas (Min)	=	0.5
	fas Max	=	0.6
	fas yang di gunakan	=	0.5
4	Kadar air bebas		
	Batu tak di pecah (Wh)	=	195 mm
	Batu pecah (Wk)	=	225 mm
	Kadar air bebas	=	205 Kg/m ³
5	Kadar Semen		
	Berat Semen	=	410 Kg/m ³
	Berat Semen Min	=	275 Kg/m ³
	Berat Semen pakai (Max)	=	350 Kg/m ³
6	Prosentase agregat halus	=	
	Bawah	=	37
	Atas	=	46
	Prosentase agregat halus	=	41.5 %
7	Prosentase agregat kasar	=	58.5 %
8	BJ Gabungan	=	2.75518
9	Berat isi beton	=	2448 kg
10	Berat agregat	=	1893 Kg/m ³
11	Berat agregat kasar	=	1107.405 Kg/m ³
12	Berat agregat Halus	=	785.595 Kg/m ³