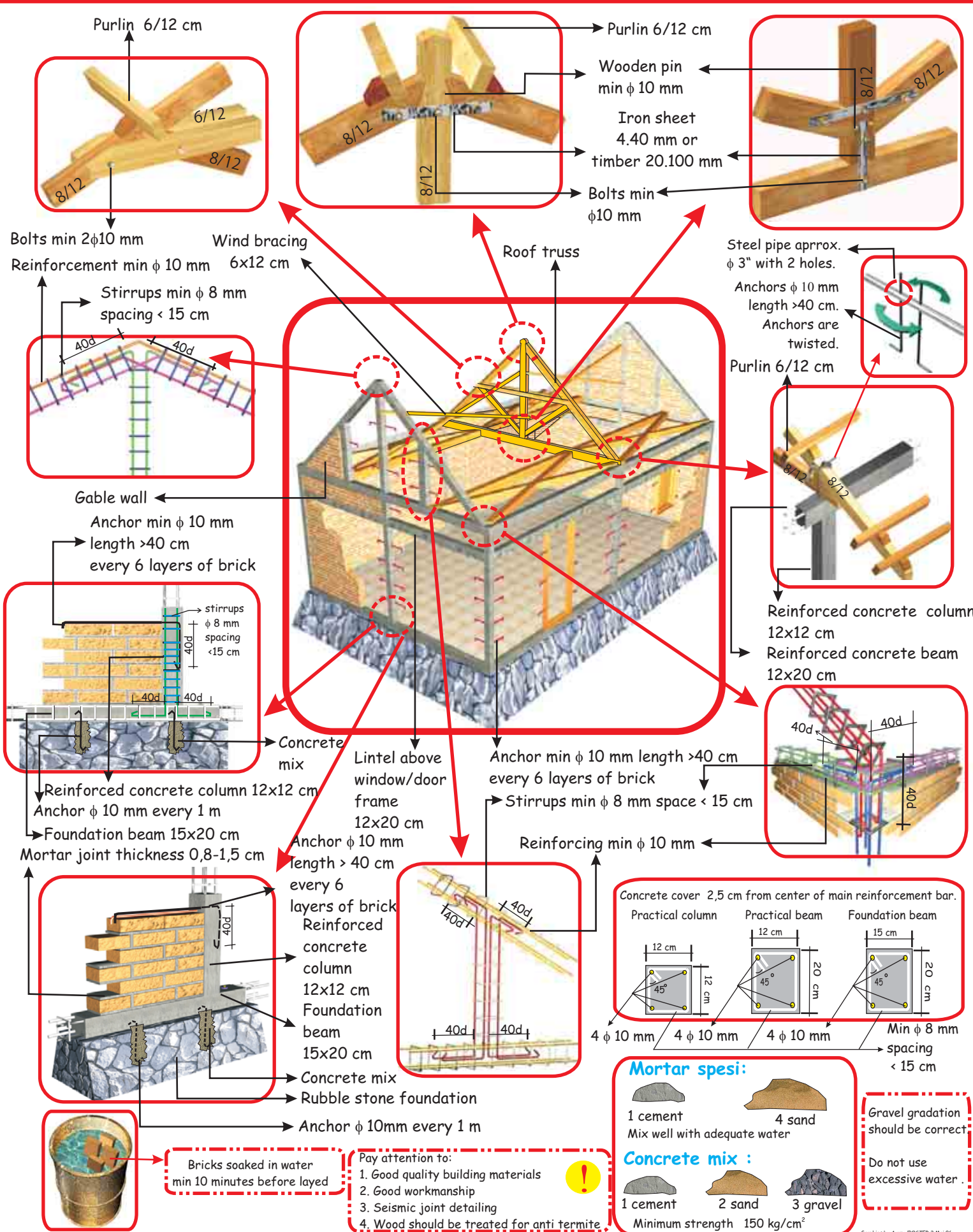


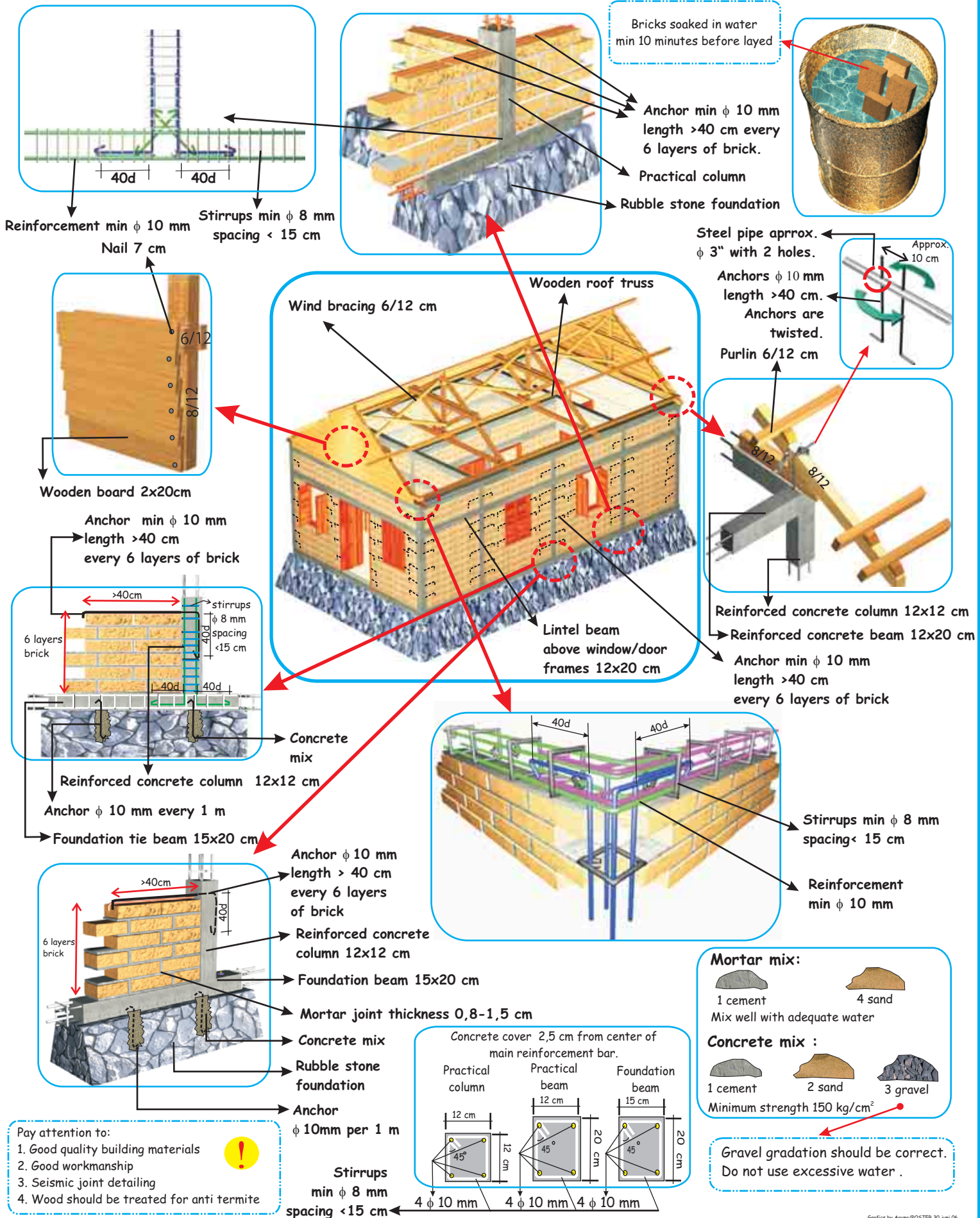
MINIMUM REQUIREMENT FOR EARTHQUAKE RESISTANT MASONRY BUILDING WITH REINFORCED CONCRETE STRUCTURES with MASONRY GABLE WALL



Bricks soaked in water min 10 minutes before layed

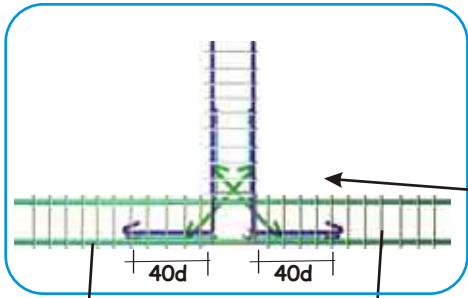
- Pay attention to:
1. Good quality building materials
 2. Good workmanship
 3. Seismic joint detailing
 4. Wood should be treated for anti termite.

MINIMUM REQUIREMENT FOR EARTHQUAKE RESISTANT MASONRY BUILDING WITH REINFORCED CONCRETE STRUCTURES with WOODEN GABLE WALL

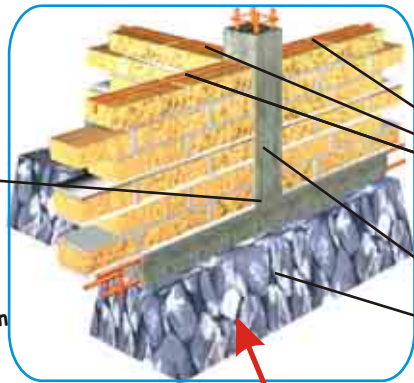


- Pay attention to:**
1. Good quality building materials
 2. Good workmanship
 3. Seismic joint detailing
 4. Wood should be treated for anti termite

Graphics by Agung/POSTER 30 juni 06



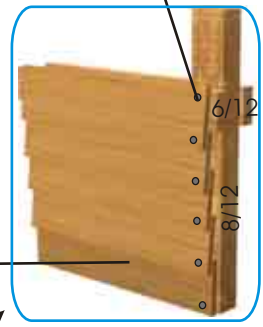
Tulangan min ϕ 10 mm
Paku 7 cm
Sengkang min ϕ 8 mm
jarak < 15 cm



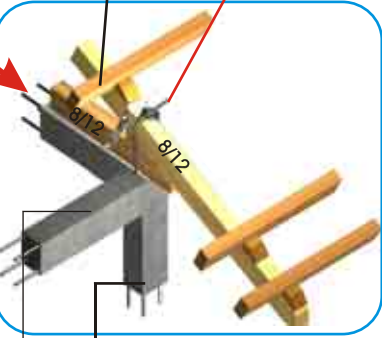
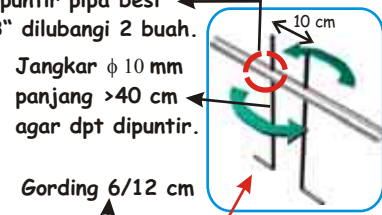
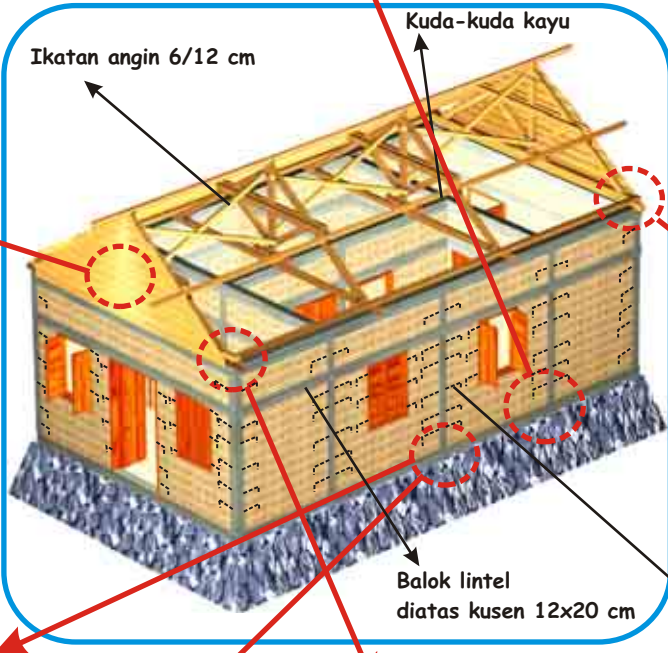
Bata direndam min 10 menit
sebelum dipasang & harus
langsung dipasang.

Jangkar min ϕ 10 mm
panjang >40 cm
tiap 6 lapis bata/batako

Kolom praktis
Pondasi batu kali belah
Alat puntir pipa besi
> 3" dilubangi 2 buah.

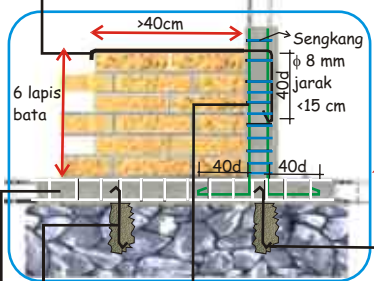


Kayu Papan 2x20cm



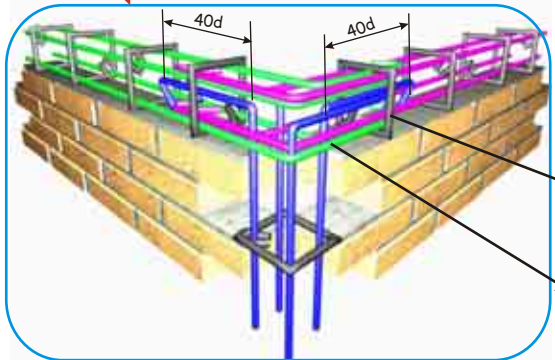
Kolom beton bertulang 12x12 cm
Balok beton bertulang 12x20 cm

Jangkar min ϕ 10 mm
panjang >40 cm
tiap 6 lapis bata/batako



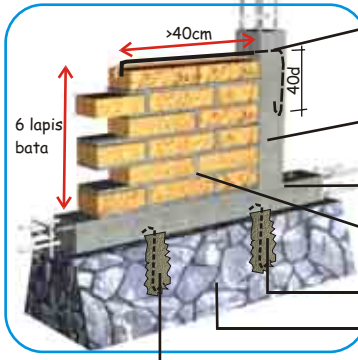
Kolom beton bertulang 12x12 cm
Jangkar ϕ 10 mm tiap 1 m

Balok pondasi 15x20 cm



Sengkang min ϕ 8 mm
jarak < 15 cm

Tulangan min ϕ 10 mm



Jangkar ϕ 10 mm
pjpg > 40 cm
tiap 6 lapis
bata/batako

Kolom beton
bertulang 12x12 cm

Balok pondasi 15x20 cm

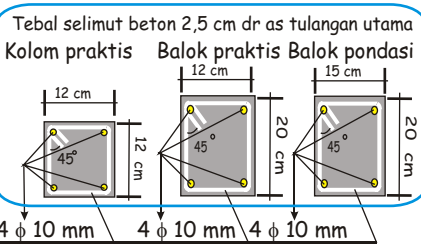
Spesi bata 0,8-1,5 cm

Adukan beton

Pondasi batu kali
belah

Jangkar
 ϕ 10mm tiap 1 m

Sengkang
Min ϕ 8 mm
jarak < 15 cm



Tebal selimut beton 2,5 cm dr as tulangan utama

Kolom praktis Balok praktis Balok pondasi

4 ϕ 10 mm 4 ϕ 10 mm 4 ϕ 10 mm

Campuran Adukan Spesi:

1 PC(semen) 4 Pasir
Diaduk hingga rata, tambah air secukupnya

Campuran Adukan Beton :

1 PC(semen) 2 Pasir 3 kerikil
Kekuatan minimum 150 kg/cm²

Gradasi kerikil harus sesuai
untuk beton bermutu.
Jumlah air tidak boleh berlebihan.

Perhatikan: 1. Mutu bahan bangunan
2. Mutu pengerjaan
3. Detail sambungan
4. Kayu harus di anti rayap