

Quality

Project: GEO - kontordomicil
Client: VIA
Date:
Execute by: Halldór Karlsson

Activity description:
CONCRETE FLOORS

Material description			
Object:	Material	m ²	m ³
Floors	Concrete 25-M	612	115
	Reinforcement 8mm mesh	2209 kg	

- 1.Soil substratum - prepared as drawings and specifications state.
2.Cocrete quality-according to specifications.
3.Reinforcement must be made and put according to drawings and specifications.
4.Concrete quality - according to specifications.
5.Curing process - vibrating, cracks' incising, protection process - according to specifications.
- Control
- 1.Control of soil substratum's preparation - compression and leveling.
2.Control preparation and division on working parcels.
3.Control arrangement of reinforcing rods and distant inserts.
4.Control way of concrete casting and compacting.
5.Control incising cracks process.
6.Control curing process.

Workers

- 1.Concrete pump's operator
2. Workers working on
2. Vibrator's operator.
3. Workers - incising cracks process, curing of concrete.

Safety plan

- 1.Wearing safety helmets and boots is obligatory for workers.
2.First aid equipment and telephone must be on site.
3.Safety glasses must be used during concrete works.
4.Ears' protection should be used by worker who work with vibrator.
5.Support on walkie-talkie, gesture communication is also appropriate.

Equipment

1. Hand tools



Machinery

1. Concrete pump - type 2
2. Beam vibrator- Planafretter DYNAPAC BV 20A
3. Glittermaskine DYNAPAC BG 42E

Work description

- 1.Works starts after all layers below designed concrete floor are prepared and compacted.
2. Dividing floor area into working parcels.
3. Arranging of prefabricated reinforcement.
4.Concrete: casted by pump .
5.Concrete: poured on the whole floor's thickness, levelled.
6.Compacted by internal vibrator and beam vibrator.
7.Curing of fresh concrete -according to descriptions.
(bluring; cracks' incising; cracks' protection; cracks' filling)

Demands for machinery and workers

Concrete pump's operator:must be qualified
Concrete pump:operation area :
Vibrator's operator:must be qualified.
Vibrator: Bjaelekevibrator, dobbelt; 2,2 - 6,2
All machinery should be completely operative and properly exploited.



COMPACTING



DIVIDING INTO PARCELS



ARRANGING REINFORCEMENT



POURING



COMPACTING



BLURING

