

# How to lay foundations

## using Blue Circle Cement

### Materials and Tools

- Blue Circle ready-to-use concrete & mortar
- Water
- Shovel
- Trowel
- Spirit level
- Concrete mixer (optional)
- Wheelbarrow
- String
- Mallet
- Wooden stakes
- Bricks
- Plastic sheeting
- Safety gear

### Step by step guide

- 1. Site Preparation** – Measure and mark out the area where the foundation slab will be built.



- 2. Prepare the Footings** - Dig a trench for the foundation footings. The depth will depend on the type of structure the foundation is for.

Use the wooden stakes to set a level for the footings.



- 3. Laying the Footings for Retaining Wall** – Using the instructions on the bag mix the Blue Circle Multi-Purpose Concrete and pour the mixed concrete into the footings trench.



- 4. Compacting and Leveling** - Ensure the footings are well compacted. Level the surface with a straight edge. Cover and allow to cure for 7 days.



- 5. Building the Retaining Wall** – Mix Blue Circle Mortar according to the instructions on the bag. Build up the retaining wall to the required level and allow to cure before laying the foundation slab.



- 6. Laying the Foundation Slab** – Mix bags of Blue Circle High Strength Concrete 40N as required for the area of the foundation slab and pour within the retaining wall.



Level and smooth the slab surface with a trowel and straight edge.



Clean your tools promptly after finishing to prevent any material from hardening on them.

- 7. Curing** – Cover the new concrete to protect from rain and frost and allow to cure fully before placing or building anything on the slab.



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