

# How to build a step

## using Blue Circle Cement

### Materials and Tools

- Blue Circle cement
- Sand
- Gravel
- Wood for formwork
- Wooden stakes
- Spirit level
- Shovel
- Trowel
- Wheelbarrow
- Tamper
- Plastic sheeting
- Safety gear

### Step by step guide

- 1. Plan and Design** - Measure and mark the location and dimensions of the step. Consider the rise (height) and run (depth) of the step.



- 2. Prepare the Area** - Prepare the area for the step. If building the step on soil, dig out the required area and use the tamper to compact the soil to ensure a stable foundation.



- 3. Add a Gravel Base** - To improve drainage and stability pour a layer of gravel into the foundation area. Level and compact the gravel using the tamper.



- 4. Install Formwork** - Set up the formwork for the steps using wooden boards. Ensure the formwork is securely in place and follows the planned dimensions for the steps.



- 5. Mix the Concrete** - Follow the instructions on the Blue Circle cement bag to mix the contents with sand and water. Aim for a concrete mix that is workable but not too wet.



- 6. Pour and Level the Base** - Pour the concrete into the formwork. Level the surface with a trowel or straight edge, ensuring it is even and at the desired height for the step.



Use concrete finishing tools to smooth and



- 7. Curing** - Cover the concrete with sheeting and allow to cure for at least 7 days before use.



- 8. Remove Formwork** - Once the steps have cured, carefully remove the formwork.



*Always follow safety guidelines and wear appropriate protective gear, including gloves and safety glasses, when working with cement. Additionally, follow the specific instructions provided by Blue Circle for their cement product. Using our guidance is your own responsibility.*



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