

FREE

02

Build it



PLAN YOUR NEXT D.I.Y. PROJECT RIGHT FROM THE START.

These Build It D.I.Y. brochures have been compiled especially for you to help you through every step of your home D.I.Y. projects.

We've given you expert advice on what materials you'll need and step-by-step instructions on how to get the job done right, first time.

Please feel free to visit any of our stores and speak to one of our consultants on advice about your projects.

Find your local store using our Store Locator at www.buildit.co.za



BRA BUILD IT
Helping you
to make home
building simple.

CONCRETE RATIOS



BUILDING

The correct batch ratios for concrete must be chosen for the appropriate application. This leaflet identifies the different batches.




TOOLS REQUIRED

- Bucket / Tin
- Spade
- Wheelbarrow



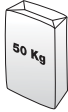


LARGE BATCHES

Low-strength concrete suitable for, eg. house foundations.

	Cement	River Sand	Stone
15 Mpa			
	1 Bag	2 Wheelbarrows	2 Wheelbarrows




To make 1 cubic metre of concrete you will need: 5½ bags cement + 0,75 cubic metres sand + 0,75 cubic metres stone.

Medium-strength concrete suitable for, eg. house floors, footpaths and driveways.

	Cement	River Sand	Stone
25 Mpa			
	1 Bag	1½ Wheelbarrows	1½ Wheelbarrows

To make 1 cubic metre of concrete you will need: 7 bags cement + 0,70 cubic metres sand + 0,70 cubic metres stone.










High-strength concrete suitable for, eg. precast concrete, heavy-duty floors.

	Cement	River Sand	Stone
30 Mpa			
	1 Bag	1 Wheelbarrow	1 Wheelbarrow

To make 1 cubic metre of concrete you will need: 10 bags cement + 0,65 cubic metres sand + 0,65 cubic metres stone.

SMALL BATCHES

Use containers such as buckets, drums or tins. Use the same size container for measuring all the materials in a batch.

	Cement	River Sand	Stone
Low-strength concrete	15 Mpa  1	 3½	 3½
Medium-strength concrete	25 Mpa  1	 2½	 2½
High-strength concrete	30 Mpa  1	 1¾	 1¾