



Build it plus

Welcome to Build It PLUS



Provision

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.

We say **Yes** to getting the job done right



Getting the correct ratio & consistency of materials is essential for

really strong concrete



SCAN TO DOWNLOAD



BUILDING

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Free

02

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Yes We Can!

Concrete mixing

Ratios



WHAT IS THE CORRECT BATCH RATIO FOR MIXING CONCRETE?




The ratio of cement to river sand and stone determines the strength of the concrete. Here is a cheat sheet to ensure that you have the right strength of concrete for the job.

TOOLS REQUIRED

- Bucket / Tin
- Spade
- Wheelbarrow




LARGE BATCHES

Low-strength concrete suitable for 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 domestic floors, footpaths and driveways.

	Cement	River Sand	Stone
15 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 precast concrete, heavy-duty floors.

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

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



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