

# Product Data Sheet

## ABOUT BEST BUILD CEMENT

Best Build Cement is manufactured to SABS EN 197 Cem VA 32.5 standards. It is a tertiary blend made up by homogenising slagment, ash and Ordinary Portland Cement in controlled proportions.

Best Build Cement has been technically designed to provide a true purpose cement. Best Build Cement is ideally suited for use in concrete pavements, floor slabs, plaster, mortar as well as manufacture of bricks. Best Build is designed for the contract builder, home builder and brick maker to aid in general cement needs.

## RECOMMENDED VOLUME MIX PORPORTIONS

The following recommended mix proportions have been put on the back of each bag to help with good quality concrete for every need.

Concrete Mixes						
Application	Cement	Sand	Stone	Water	Strength Guide	Yield
Foundations, Postholes & Patios	1	4	4	70l	15MPa	390l
Driveways, Slabs and General Concrete	1	3	3	55l	25MPa	300l
High Strength Concrete	1	2	2	45l	30MPa	215l

Building Mixes			
Application	Cement	Sand	Yield
Mortar	1	5	300l
Plaster	1	5	300l
Screed	1	3	200l

## STORAGE

All cement bags should be kept dry. Cement bags are not waterproof and should be kept undercover, off a concrete floor, away from any open windows and they should not be stacked higher than 12 bags.

## HINTS

**Water:** The strength of the concrete is greatly influenced by the amount of water that is added to the mix. The more water that is added the weaker a given mix will be. For this reason water must be controlled and the minimum water required to give a workable mix must be used to ensure consistent good quality concrete.

**Mixing:** Measure all materials accurately with a builders wheelbarrow or bucket. Ensure all the dry materials are mixed thoroughly, to give a consistant colour throughout the mix before adding water.

**NOTE:** 2 Bags of Cement = 1 Builders Wheelbarrow

**Curing:** Curing means keeping the concrete moist. To prevent cracking and to ensure a proper strength development concrete must be cured for at least 7 days. This can be done by simply covering the concrete with plastic sheeting or continuously wetting the concrete with a fine mist spray.

**Sand & Stone:** Sand and stone must be clean and free of twigs, grass or other material.