

PRODUCT DATA SHEET

BC
BB Cement

ABOUT BB CEMENT

BB Cement is manufactured in accordance with the applicable standards of SABS, which includes EN 413-1 and EN 197-1. It is a tertiary blend made up by homogenizing quality run materials in controlled proportions.

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

RECOMMENDED VOLUME MIX PROPORTIONS

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

STORAGE

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

HINTS

WATER

The strength of the concrete is greatly influenced by the amount of water 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 dry materials are mixed thoroughly, to give a consistent 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 seven 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.



Passionate about Quality



BB30.

The mixes are made by a competent person using material which is generally available and of acceptance quality for the use of the manufacturing of concrete.



EN 413-1 MC 22.5X

Concrete Mixes

Application	Cement	Sand	Stone	Water	Strength Guide	Yield
Foundations, Post Holes & Patios	 	 	    	70ℓ	10 MPa	390ℓ
Driveways, Slabs & general concrete	 	  	   	55ℓ	20 MPa	300ℓ
High Strength Concrete	 	 	  	45ℓ	25 MPa	215ℓ

Building Mixes

Application	Cement	Sand	Yield
Mortar	 	    	300ℓ
Plaster	 	    	300ℓ
Screed	 	  	200ℓ

All Rounder

BB-30 is characterised by **quality and durability**, all the more reason why it's the frontrunner in its category.

Developed for:

- Plastering & General building purposes
- Mortar
- Slabs
- Screed

Masonry cement intended to be used for preparation of mortar, plaster and concrete strictly in accordance with the above mix designs.

HEALTH AND SAFETY NOTICE



Wear suitable protective clothing. Prolonged contact may cause skin irritation or caustic burning.



Wash eyes out generously with water. Medical assistance may be necessary.



Dust masks recommended.

Material safety data sheet available on request.

All mix proportions are supplied in good faith, no liability however can be accepted by BB Cement as actual use is beyond its control.

BB35. The core of BB Cement.

Tried and tested, a market leader. This product brings you quality, rapid acceleration and value for money. Early strengths, bringing you complete satisfactory final product.



EN 197-1 CEM IV B(V) 32.5 *R*

Concrete Mixes

Application	Cement	Sand	Stone	Water	Strength Guide	Yield
Foundations, Post Holes & Patios	 	   	   	70ℓ	15 MPa	390ℓ
Driveways, Slabs & general concrete	 	  	  	55ℓ	25 MPa	300ℓ
High Strength Concrete	 	 	 	45ℓ	30 MPa	215ℓ

Building Mixes

Application	Cement	Sand	Yield
Mortar	 	     	300ℓ
Plaster	 	     	300ℓ
Screed	 	  	200ℓ

High Performance

BB-35 is tried, tested and approved as the true market leader in the **all purpose Rapid cement segment**.

Developed for:

- Plastering & general building purposes
- Brick making
- Foundations
- Slabs
- Screed

HEALTH AND SAFETY NOTICE



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BB45.

When fast early strength is required, look no further than BB45. This product is fast becoming a fears contender amongst leading brands in the market place.



EN 197-1 CEM IV A(V) 42.5N

Concrete Mixes

Application	Cement	Sand	Stone	Water	Strength Guide	Yield
Foundations, Post Holes & Patios	 	   	   	70ℓ	15 MPa	390ℓ
Driveways, Slabs & general concrete	 	  	  	55ℓ	25 MPa	300ℓ
High Strength Concrete	 	 	  	45ℓ	30 MPa	215ℓ

Building Mixes

Application	Cement	Sand	Yield
Mortar	 	   	300ℓ
Plaster	 	   	300ℓ
Screed	 	  	200ℓ
Brick & Block Making	 	     	

High Early Strength

BB-45 is formulated and perfected to be a true **early strength giant**.

Developed for:

- Cement products manufacturing
- Screed & General building purposes
- Brick making
- Foundations
- Slabs

HEALTH AND SAFETY NOTICE



Wear suitable protective clothing. Prolonged contact may cause skin irritation or caustic burning.



Wash eyes out generously with water. Medical assistance may be necessary.



Dust masks recommended.

Material safety data sheet available on request.

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BB55. Amazing New Product.

EN 197-1 CEM I 52.5N



Concrete Mixes

Application	Cement	Sand	Stone	Strength Guide
Brick and block manufacturing	 	       		
Foundations, Post Holes & Patios	 	    	    	10-15 MPa
Driveways, Slabs & general concrete	 	   	   	20-30 MPa
High Strength Concrete	 	  	  	≥30 MPa

Pure High Performance Cement

BB-55 is formulated and perfected to be a pure high performance cement.

Developed for:

- Cement product manufacturing
- Brick and block making
- Foundations
- Slabs
- High strength concrete application

HEALTH AND SAFETY NOTICE



Wear suitable protective clothing. Prolonged contact may cause skin irritation or caustic burning.



Wash eyes out generously with water. Medical assistance may be necessary.



Dust masks recommended.

Material safety data sheet available on request.

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BB66.



A composite cement specially designed for stabilisation purposes.

EN 197-1 CEM V/A (S-V) 32.5N

We have formulated BB-66 as a high-class stabilising product to reduce the Plasticity index (PI) in soil, improve unconfined compressive strength (UCS), indirect tensile strength (ITS) and to enhance the durability in common road base material.

Soil and road base material varies. To achieve an optimal stabilisation objective and the correct mix proportions, we recommend consulting a specialised laboratory.

For Other Concrete Applications

Application	Cement	Sand	Stone	Water	Strength guide	Yield
Foundations, post holes & patios	 	   	   	70ℓ	15 MPa	390ℓ
Driveways, slabs & general concrete	 	  	  	55ℓ	25 MPa	300ℓ
High strength concrete	 	 	 	45ℓ	30 MPa	215ℓ

All-rounder

BB-66 is a high-class products specially designed for road stabilisation purposes.

Developed for:

- Road stabilisation

HEALTH AND SAFETY NOTICE



Wear suitable protective clothing. Prolonged contact may cause skin irritation or caustic burning.



Wash eyes out generously with water. Medical assistance may be necessary.



Dust masks recommended.

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