

### Pure Performance Products

Cement – the critical choice for your concrete projects.



plaster



mortar



concrete



brick & block  
manufacture

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**Mamba Cement Plant**  
Krokodilkraal  
545 KQ (Ptn 53)  
Provincial road D2704

GPS Co-ordinates:  
24°59'13.1"S  
27°32'49.8"E

Reg: 2010/022270/07  
VAT: 4560259295

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Li Suping\*

\*Chinese

Mamba 95 is a pure cement product that consists of clinker and gypsum – supplied in bulk. The product is manufactured in a modern integrated cement plant where clinker is made using high quality limestone. There is no inert limestone included in this product. This assures customers of pure performance cement.

The plant is located at Koedoeskop, Limpopo Province, South Africa. (GPS –S24° 59' 02.1; E27° 32' 43.84")

### Typical Applications

- Precast manufacturing
- Ready mix concrete manufacturing
- Construction and site batch plants
- Structural applications

### Performance Characteristics EN 197-1 – CEM I 52,5 N

Compressive Strengths	Dispatch average MPa (ISO)	SABS Specification
2 days	27	≥ 20
7 days	47	No Limit
28 days	54	≥ 52.5

Physical Properties	Actual
Initial Setting (min)	220
Expansion (mm)	0.5
Fineness (cm <sup>2</sup> /g)	400

Chemical Properties	Actual %
Loss on Ignition (LOI.)	1.5
Sulphate Content (SO <sub>3</sub> )	2.5
Chloride Content (Cl)	0.03



### Hazardous

Care should be taken when handling cement powder. Use a dust mask, goggles and gloves. It may cause irritation to the eyes and respiratory system and when mixed with water may cause skin irritation.

In the event of direct contact, cement should be removed and the area of contact rinsed thoroughly with water.

### Mix Designs

Concrete performance is influenced by the reaction of the aggregates and chemical additives within the cement. It is important to review the mix composition of concrete when a new cement is introduced.

A Mamba Cement representative will arrange for a new concrete mix using Mamba 80 with the client's choice of aggregates, designed by a professional institution at no cost to the customer if required.