

52,5N

High-Performance Ultra Strong Cement



NOT 'A'
CEMENT
IT'S 'THE'
CEMENT

The strong, quality cement you can trust!

Visit cemza.co to build better!



52,5N

High-Performance Ultra Strong Cement



**Precision
engineered
cement that
builds Africa.**

Characteristics

Technology gives Cemza the advantage. Our superfine milled cement is carefully formulated for ultra-strong and high performing applications including Concrete Product Manufacturing and Ready Mix.

Application

This high precision engineered cement is suitable for high specification concrete, suspended structural beams, precast items such as flagstones and pre-stressed lintels, heavy duty surfaces and industrial workshop floors. Cemza 52,5N is a premium engineered Ordinary Portland Cement. The product complies with SANS 50197-1.

Performance in relation to SANS 50197-1

CRITERIA	SANS 50197-1 REQUIREMENT	52,5N
Physical		
2 day strength	≥ 20	26,7
28 day strength	$\leq 52,5$	60
Initial setting time, minutes	-	45
Final set	-	250
Soundness: Le Chatelier Expansion, mm	≤ 10	0,5
Chemical		
Sulphate content, %	$\leq 4,0$	2,7
Chloride content, %	$\leq 0,1$	0,05

Applications

Low strength concrete: Suitable for house foundations.

CEMENT	CONCRETE SAND	STONE
2 × 50kg bags	   	   
100kg	3½ wheelbarrows	3½ wheelbarrows

Medium strength concrete: Suitable for house floors, footpaths and driveways.

CEMENT	CONCRETE SAND	STONE
2 × 50kg bags	  	  
100kg	2½ wheelbarrows	2½ wheelbarrows



Applications

High strength concrete: Suitable for precast concrete, heavy-duty floors.

CEMENT	CONCRETE SAND	STONE
2 × 50kg bags	 	 
100kg	2 wheelbarrows	2 wheelbarrows

Plastering

CEMENT	PLASTER SAND
2 × 50kg bags	     
100kg	6 wheelbarrows

Mortar

CEMENT	BUILDING SAND
2 × 50kg bags	   
100kg	4 wheelbarrows

NB: To optimize the performance of the cement mix ensure that the water cement ratio is correct, excessive water will reduce the performance and weaken the mix.





Packaging

Cemza 52,5N cement is available in 50kg paper sacks, shrink wrapped and palletized on wooden pallets.



Handling cement

Cement bags should be picked up with both hands supporting the underside of the bag, bags must never be pulled across, over the ground or other merchandise.

Bags should not be rolled over the corner of the pallet.

Cement bags should never be dropped from head height, as this will weaken the paper bag and cause potential damages.

Never stand on cement bags as this may cause unnecessary damages.

Cement bags should be rolled over before being picked up, this will limit the bags getting damaged as it will loosen the cement in the bag from its consolidated state and reduce the chances of the bag splitting.



Storage of cement

Cement should always be stored in a dry place, raised off the floor and covered with impermeable plastic to keep any moisture out.

Doors and windows should be kept closed to eliminate damp air/moisture being absorbed in storage.

Cement has approximately three months shelf life, therefore a stock rotation procedure of a “first in, first out” basis must be followed.



Storage of pallets

Pallets should always be stored in a safe, secure and dry area to prevent damage. If possible, Cemza pallets should be kept separate from other cement pallets for ease of identification and for speedy collection.



Materials, health and safety data

When handling cement use suitable protective clothing, boots, gloves and eye protection. In case of contact with eyes, rinse eyes with plenty of clean water for 15 minutes and seek medical attention if irritation persists. Cement is classified as an irritant. Use a suitable dust/face mask when working with cement. Repeated inhalation of cement dust can cause breathing difficulties.

For more information visit www.cemza.co

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CONTACT



041 450 6230



sales@cemza.co



<https://cemza.co/>



Cemza (Pty) Ltd



cemza_engineered_cement



Cemza Engineered Cement



cemza™

ENGINEERED
CEMENT



**The product complies with
SANS 50197-1, 52,5N.**