

Readymix Overview

Readymix concrete



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Introduction

AfriSam (Pty) Ltd have long been established as the leading supplier of raw materials to the building and construction industry in South Africa. AfriSam's products, including Cement, Stone and Readymix concrete are the building blocks of society and the structures in which we live and work. Our Vision is to be the leading supplier within our industry, creating value for all shareholders, our employees and the communities in which we work. AfriSam are proud to deliver products within a framework of sustainable development, by conducting environmental impact studies and employing environmentally friendly production processes, we endeavour to optimise the recovery of natural resources and the use of by-products to sustain natural resources.

About AfriSam Readymix Concrete

AfriSam Readymix products are available in select regions, allowing builders, developers, architects and engineers to use AfriSam's expertise in computerised weightbatching, concrete pumping services, technical backup and quality assurance backed by 30 years' experience in the Readymix concrete market.

AfriSam Readymix is an integral part of AfriSam (Pty) Ltd.

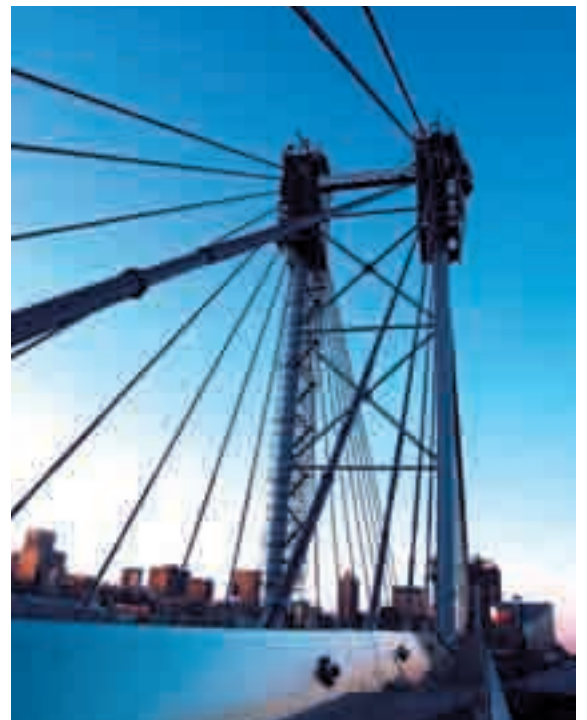
- AfriSam are the supplier of choice for Readymix concrete.

- AfriSam cater for projects ranging in size from the smallest DIY home application to the largest construction projects.
- AfriSam's well-trained telephone sales staff assist you in choosing the ideal concrete mix for your application.
- AfriSam have over 30 Readymix plants in Gauteng, KwaZulu-Natal and the Western Cape.
- AfriSam's prices are competitive.
- AfriSam's service pledge reinforces our commitment to quality products and service excellence.
- AfriSam have the largest range of well equipped pumps for all your pumping requirements.
- With 300 trucks on national roads, we have the most comprehensive LOD fleet in South Africa.
- AfriSam have mobile laboratories.
- AfriSam have a comprehensive R & D laboratory.
- AfriSam's ISO certification is imminent.

Benefits of AfriSam Readymix Concrete vs Site Mix

The advantages of using AfriSam Readymix concrete are:

- AfriSam have the resources and technical expertise to provide a wide range of mixes and match the right mix design to the right application - unlike the uncertainty that may occur in some site mix batch plants.



- AfriSam are able to meet changes to the construction programme within 48 hours.
- AfriSam Readymix Concrete can be supplied to several positions in one delivery.
- The speed of discharge of the AfriSam Reaymix concrete on site has become a great benefit in today's tight construction deadlines. Site-batching tends to be time-consuming, especially in large quantities.
- AfriSam Readymix is cost effective particularly when taking into account the fact that site-batching is very labour intensive. The full cost consideration of site mix is rarely taken into account due to its variable nature.
- The supplier takes responsibility for the quality control of concrete production.



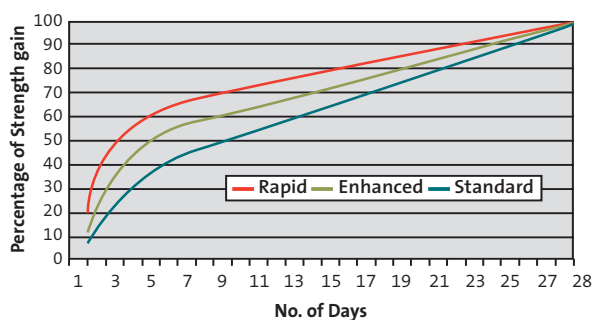
General Strength Gain Curve and Performance Matrix

There are three different strength development curves available in the AfriSam product range:

- Rapid** – high early strength gain
- Enhanced** – normal early age strength gain
- Standard** – consistent strength gain over 28 day period

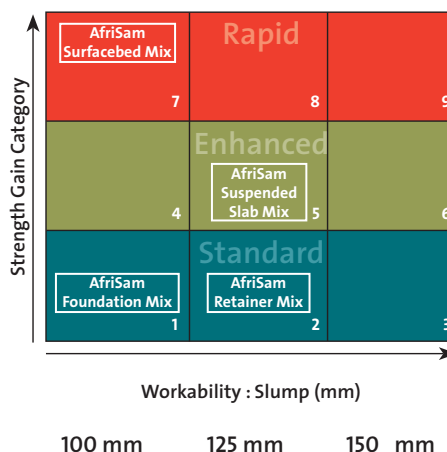
The 28 day strength curve illustrates how the various curves gain strength during the 28-day cycle.

Typical Minimum 28 day Strength Gain Curve for 25Mpa Concrete



Workability

The more workable or the higher the slump of the concrete mix, the easier it is to place, compact and finish. This will relate to the application or available equipment. The two slumps traditionally used are: 100 mm and 125 mm. All of the brands may be manufactured in any of the strength categories. However, all have an optimal mix, based on performance and economics. This is demonstrated in the following matrix:



AfriSam Readymix Product Range

Application Brands:



Speciality Mixes:

Flowcrete, Hydrafil, Trenchcrete and Poolmix.

AfriSam Readymix Plant

Gauteng

Alrode
Eikenhof
Ferro
Jukskei
Kwagga
Kya Sands
Nancefield
Olifantsfontein
Rosslyn
Scoop
Spartan
Technikon
Vanderbijlpark
Vereeniging
Wadeville
Wynberg

Mpumalanga

Evander
Middelburg
Witbank

KwaZulu-Natal

Coedmore
Ladysmith
Newcastle
Ottawa
Mgeni
Isipingo

NorthWest

Brits
Marikana
Rustenburg

Western Cape

Bellville
City
Philippi
Peninsula

Botswana

Gaborone

Contact the regional office in your area for Sales or Technical Services or any other information.

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