

PPC CEMENT: SUREROAD 32,5 N



SUREROAD IS A PORTLAND-COMPOSITE CEMENT THAT IS IDEAL FOR THE CONSTRUCTION OF CEMENT-STABILISED LAYERS FOR ROADS. SUREROAD IS SUITABLE FOR USE WITH A WIDE RANGE OF SOUTHERN AFRICAN SOILS, GIVING SUPERIOR PERFORMANCE IN ROAD STABILISATION APPLICATIONS. THE ADDITION OF TWO TO THREE PER CENT OF THE CEMENT TO THE SUBSTRATE WILL INCREASE ITS STRENGTH AND IMPROVE DURABILITY.



Product Description

SUREROAD is a CEM II 32,5 product, manufactured with the addition of an extender or blend of extenders (fly-ash, blastfurnace slag and/or limestone). The mineral constituents are carefully selected and the composition optimised to produce an excellent road-stabilisation cement.

Applications

PPC SUREROAD 32,5 cement has been performance engineered to improve the engineering properties of soil by:

- Reducing the plasticity index (PI);
- Improving the Unconfined Compressive Strength (UCS) and Indirect Tensile Strength (ITS) of the host materials; and
- Enhancing durability and achieving superior performance with most road materials.

Performance testing shows excellent performance with soil classes G5 and G6, and for road strength classes C3 and C4. To determine the optimum cement type and cement addition rate with site-specific soils, the UCS (MPa) and ITS (MPa) should be tested for a range of cement addition rates.

Specification

SUREROAD is manufactured to conform to SANS 50197-1 for Common Cements, in the 32,5 strength class and is available as a CEM II Portland-composite cement, extended with siliceous fly ash (V), blastfurnace slag, (S) and/or limestone (L).

Storage

Cement bags are not weatherproof and should be stored undercover, off the ground to a maximum height of 12 bags or 2 pallets.

Supply

PPC SUREROAD products are available in South Africa from local production facilities. SUREROAD is available in 50kg bags and/or in bulk. Please check regional availability (type and packaging) with your local sales office.

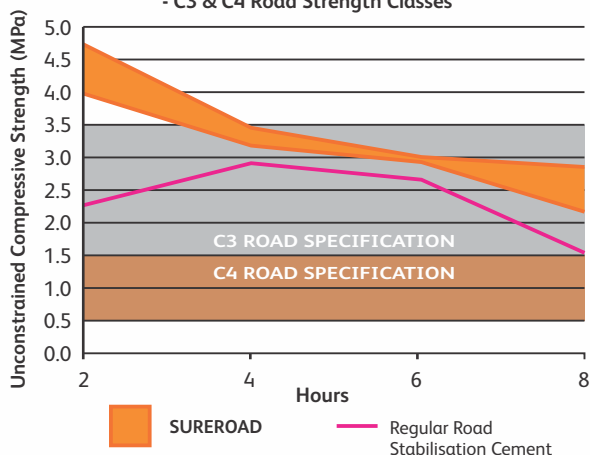
SUREROAD is not available in the general retail market for use in construction or concrete product manufacturing.

Handling & Safety

Refer to a detailed PPC Cement Safety Data Sheet, available from the regional PPC Sales Offices or visit www.ppc.co.za, or contact us on 0800 023 470.

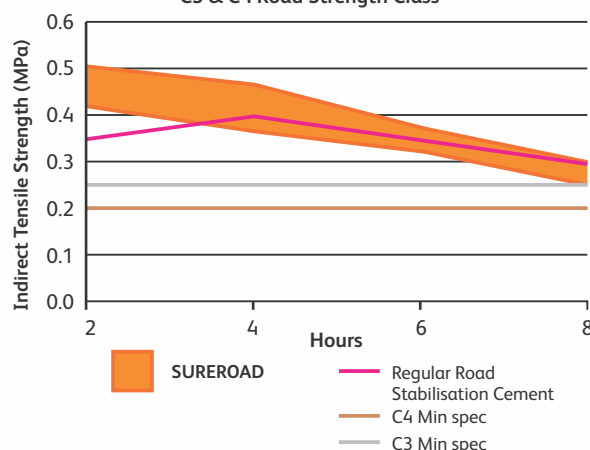
Unconfined Compressive Strength (UCS)

3% PPC Sureroad CEM II Addition to G5 Soil Type
- C3 & C4 Road Strength Classes



Indirect Tensile Strength (ITS)

3% PPC Sureroad CEM II Addition to G5 Soil Type
- C3 & C4 Road Strength Class



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For more advice on cement please ask your PPC Cement stockist or call the PPC toll-free help line 0800 CEMENT (SA only).

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