



CEM II/B-M (S-V) 42,5R

PRODUCT DATA SHEET



PRODUCT DESCRIPTION

- CEM II/B-M (S-V) 42.5R is a premium all-purpose cement.
- 42.5R is a superior quality, high early strength cement for precast concrete products, general building operations, structural concrete and any other applications where high early strength is required.

SPECIFICATION

- 42.5R complies to the requirements of SANS 50197-1 and is identified as Portland Composite Cement.
- Product is packed into 50kg bags.

STORAGE

- Product is packed under the iTe Cement brand.
- Cement bags should be protected from moisture and kept dry at all times.
- Cement bags should be stored on an elevated surface such as a pallet and not directly on concrete/natural surface, to prevent dampness from the ground.
- If packed on pallets, pallets should be stored so that they do not touch the walls of the store.

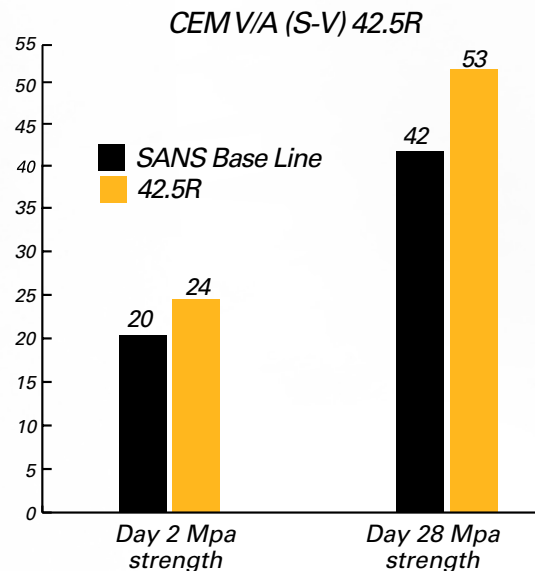
HANDLING AND SAFETY

- Persons working with wet or dry materials should wear appropriate PPE to avoid contact with skin and should always follow the health and safety instructions from supervisors/managers.
- Avoid contact with eyes.
- When lifting bags, bend knees and keep back straight.
- Please refer to the MSDS for any other information on how to handle the product.

TECHNICAL INFORMATION

TYPICAL PROPERTIES OF 42.5R

Properties	Parameter	Typical results	SANS 50197-1 requirement
Setting time	min	180	≥ 60
Soundness	mm	0.5	≤ 10
Compressive strength Day 2	MPa	24.0	≥ 10
Compressive strength Day 28	MPa	53.0	≥ 42.5 ≤ 62.5
Chloride	%	0.05	≤ 0.1
Sulfate	%	2.10	≤ 4.0



Please contact our office if actual results are required.

CONTACT INFORMATION:

For sales and queries, contact 011 864 4918 or visit our website at www.iteproducts.co.za

Manufacturer: Pharaoh Cement (Pty) Ltd **Manufacturing plant:** 7 Clarke Street South, Alrode, Alberton.

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