

High strength cement 52.5R

Technical Datasheet



Whitestar High strength cement is a quality assured Ordinary Portland cement manufactured to comply with the requirements of EN 197-1 and achieving strength class 52.5R.

GENERAL INFORMATION

Whitestar High strength cement is a pure grade Ordinary Portland cement making it ideal for applications where high early and final strengths are advantageous.

FEATURES

-  Weather resistant plastic packaging
-  High early strength generation
-  Quality assured product
-  Superior performance cement

APPLICATIONS

-  Ideally suited for precast products needing quick removal of formwork
-  High performance concrete at all ages
-  Applications in colder

QUALITY

Whitestar High strength Cement is CE Marked in accordance with the Constructions Products Regulation 305/2011/ EU. A Declaration of Performance (DoP) and CE Mark can be accessed from whitestarpackedproducts.co.uk

AVAILABILITY

Whitestar Cement is supplied in 56 x 25kg bags per pallet throughout the UK.

TECHNICAL SPECIFICATION

Pack size	25kg Bags
Clinker Content	≥95%
Initial set (en197-1) (>45min)	Typical: 135 min
Final set (en197-1) (>45min)	Typical: 220 min
Colour	Grey

COMPRESSIVE STRENGTH

2 Day	>30 N/mm ²
28 Day	>52.5 N/mm ²

Strength testing to BS EN 197-1

LIMITATIONS

-  Do not use when ground is frozen at temperatures below 5°C
-  The use of additional cement, sand, aggregate or admixtures is not recommended.
-  Protect Concrete from potential rain and frost.
-  In warmer weather, protect the concrete from premature drying due to evaporation or suction to help reduce the risk of drying shrinkage cracking
-  Where aggressive conditions are present, consider the use of a sulphate resisting cement

TECHNICAL SUPPORT

For further advice please contact Whitestar Technical Helpline on 0800 161 3715.

White Star Packed Products
2nd Floor, 56 London Road,
Alderley Edge,
Cheshire. SK9 7DZ

Telephone
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Website
whitestarpackedproducts.co.uk



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STORAGE

Bags should be stored unopened, clear of the ground, in cool dry conditions and protected from excessive draft and all sources of moisture.

If stored correctly, as detailed above, the chromium (VI) in this product will be within required levels for up to 12 months from the date shown on the bag. Use of this product after the declared storage period, as detailed above, may increase the risk of an allergic reaction following direct contact with skin.

HEALTH AND SAFETY

Contact with cement may cause skin, eye and respiratory irritation, severe burns and dermatitis.

Always wear suitable personal protective equipment (PPE) and refer to the full Material Safety Data Sheet for further information.



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