

White cement 52.5R

Technical Datasheet



Whitestar White cement is manufactured to comply with the requirements of BS EN 197-1. It is recommended for use in concrete, mortar and render with or without pigments. The setting and strength characteristics of are similar to Grey Portland cements.

APPLICATIONS

Whitestar white cement can provide attractive and durable visual concrete, renderings and mortars. A wide variety of white and light-coloured finishes can be produced with selected white or light coloured aggregates. Coloured finishes with a bright and clean appearance can be produced with selected coloured aggregates or with pigments.

Examples of applications:

- ✦ Cast stone.
- ✦ Terrazzo.
- ✦ Structural in-situ and precast concrete.
- ✦ Floor and wall tiles.
- ✦ Cladding panels.
- ✦ Swimming pool finishes.
- ✦ Precast paving slabs and blocks.
- ✦ Renders.
- ✦ Road markings, kerbs, bollards.
- ✦ Pointing mortars.
- ✦ Street furniture.
- ✦ Tile grouts.

AVAILABILITY

Whitestar White cement is supplied in 25kg paper bags or 1 tonne bulk bags throughout the UK.

STORAGE

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

TECHNICAL SPECIFICATION

Pack size	25kg Bags
Alkali Content	≤0.3%
C3A – Sulphate resistance	≤5.0%
Sulphate	≤4.0%
Colour	White

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
- ✦ Protect from potential rain and frost.
- ✦ In warmer weather, protect from premature drying due to evaporation or suction to help reduce the risk of drying shrinkage cracking

TECHNICAL SUPPORT

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

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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