

Multi-purpose concrete

Technical Datasheet







Whitestar Multi-purpose concrete is a factory produced pre-blended concrete suitable for most general concreting applications.

GENERAL INFORMATION

Whitestar Multi-purpose concrete is a factory blended concrete intended for use with most general concrete applications including paths, steps, floors, bedding-in drains, and manhole covers and foundations for paving slabs. Manufactured from cement, specially selected graded sand and 10mm coarse aggregates.

FEATURES

-  Weather resistant plastic packaging
-  Ready to use, just add water
-  Quality assured product
-  Perfect for general purpose concrete applications

GUIDANCE FOR USE

For best results mix Whitestar MP concrete with a forced action mixer. If hand mixing, ensure that mixing is vigorous and that there are no dry lumps of material left. Add clean water slowly during mixing until the desired consistency or slump is achieved.

Place the concrete within 30 minutes of mixing.

Once placed, Cure the concrete using a suitable curing agent, polythene sheet or wet hessian immediately for up to 3 days, depending on the external conditions.

PERFORMANCE

Pack size	20kg Bags
Workability (20°C)	30 mins
Setting time (20°C)	8 hours
Colour	Grey
Application depth	20mm – 250mm





Recommended depth for foot traffic paths is 75mm, 100mm for areas requiring vehicle traffic.

COMPRESSIVE STRENGTH

28 Day	25 N/mm ²
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All above data based on 2L of water per 20kg of concrete mixed at 20°C

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

AVAILABILITY

Whitestar Concrete is supplied in 20kg bags throughout the 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.

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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