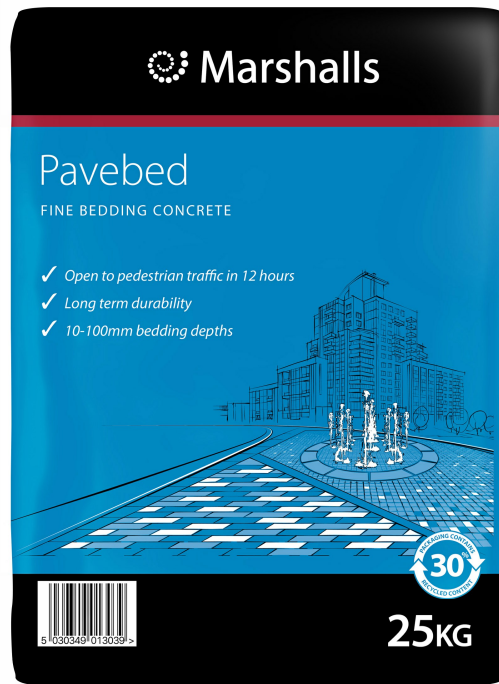


Pavebed Fine Bedding Concrete

Date Created: 21/04/22



Marshalls Pavebed Mortar is a high early strength bedding concrete. The concrete has an excellent, consistent strength gain and can receive foot traffic after 12 hours and vehicle traffic after 24 hours.

TECHNICAL OVERVIEW	
Water Addition	2.5L per 25kg
Workability	50 minutes
Density	2000-2200kg/m ³
Yield (per 25kg)	13 litres (per 25kg)
28 Day bond strength	2.0 N/mm ² (with slurry primer)
Compressive Strength (N/mm ²)	1 Day - 20 / 7 Day - 39 / 28 Day - 52
Flexural Strength (N/mm ²)	1 Day - 3.5 / 7 Day - 6.0 / 28 Day - 6.5
Drying Shrinkage at 28 Days	<0.10%

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PREPERATION & INSTALLATION

Preparation Instructions All application substrates should be sound, clean and free from dust, dirt, debris, oil, grease and other contaminants. Proper surface preparation is vital to ensure the successful application and durable performance of the concrete. All substrates must be dry before application.

Mixing Instructions

For best results the product should be mixed using a mechanical mixer, such as a forced-action high shear mixer or a belle type mixer. Mix each 25kg bag with 2.5 litres of cool, clean water.

Pre-measure the required volume of water into a clean mixing vessel and steadily add the powder to water. The product should be mixed for 2-3 minutes until a damp earth mortar consistency is achieved.

Due to the rapid setting nature of the product, please only ever mix a quantity of material that can be used and placed within the working time. Never remix or add extra water to extend the working time of the material.

Application Instructions Marshalls Pavebed Mortar should be applied at a thickness of 10mm-100mm in a single pass. If thicker sections are required this can be achieved using the layer-on-layer method.

Recommended ambient application temperature is 5°C to 25°C. Areas placed as a bound or rigid construction should have suitable movement and expansion joints.

Clean Up Tools and equipment can be cleaned easily with water. Cleaning of tools and equipment should be carried out as soon as is practicable and well away from the application area.

Production Control Manufactured to ISO 9001 Quality assurance standard

FURTHER INFORMATION

Packaging & Storage Palletised

Health & Safety Health and Safety advice, which must be followed, can be found on the Material Safety Data Sheet. Users are advised to wear face mask, goggles, gloves and overalls when handling, mixing and applying cementitious products.

Contact Us For technical information on the design, specification and construction when utilising the product, contact Group Technical Services on 0370 411 2233