



CONCRETE

General Purpose Handy-Pak

WESTBUILD Handy Pak concrete is a general purpose product, and best suited for small concrete jobs around the home and building site.

Each Handy-Pak contains a blend of sand, aggregate packaged together with a sealed sachet of general purpose cement.

Advantages

- An all-round easy to use concrete
- Convenient Handy Pak size for home or work site
- Quick and easy to use
- Premium Quality
- Australian Made



Product Attributes

<u>Uses</u>	Ideal for small concrete jobs, i.e pathways, securing posts, stumps, footings and foundations. For more information on suitable uses or uses that are not listed above, please contact a Westbuild representative.
<u>Colour</u>	Grey
<u>Packaging</u>	20kg Polyethylene Bag – 64 bags / pallet (1.28 tonne)
<u>Coverage</u>	A 20kg bag of WESTBUILD General Purpose Concrete makes approximately 0.01m ³ of finished concrete. As a guide, you will need approximately 100 bags per m ³ .
<u>Shelf Life & Storage</u>	Supplied in a UV stabilised polyethylene bag and designed to be stored indoors or outdoors.



Technical Data

Product Identity

Form Powder
Colour Grey

Application Properties

Setting Time Concrete will reach initial set in 45-60 minutes depending on weather conditions. Final set will take several hours, and will reach full strength in 28 days. Application properties are dependent on temperature and relative humidity.

Installation

Water Ratio

General Purpose Concrete	Approximate Quantity of Clean Water
20kg	1.7 – 1.9 Litres The required amount of water is a guide only, as the blended sand and aggregate contents of this bag will already contain a portion of moisture.

Mixing

Empty the contents of the bag into a concrete mixer, wheelbarrow or onto a smooth non-porous surface.

Pre-blend the contents of the Handy-Pak's small cement sachet with the sand and aggregate.

Slowly add most of the required amount of water, mixing slowly and thoroughly until a workable consistency is achieved.

Add the remainder of water only if necessary to achieve a workable mix that allows the concrete to be easily placed and finished.

Avoid Excess Water, as this reduces the durability and strength of the finished concrete.

Application

Use the mixed product within 30 minutes.

If the product begins to harden prior to use, under no circumstance add more water to the mix as this will greatly reduce the final MPA strength of the finished concrete.

Drying Time

Concrete will reach initial set in 45-60 minutes depending on weather conditions. Final set will take several hours, and will reach full strength in 28 days. Application properties are dependent on temperature and relative humidity.

Attention

Avoid excess water when mixing the product, as this will adversely affect the finished strength of the concrete.

Application temperature is +5c - 35c.

If reinforcing the concrete mix with steel, ensure it is completely covered with concrete.



If the concrete mix begins to harden before placing the concrete, do not add excess water as this will adversely affect the final strength of the cured concrete.

All wet concrete is highly alkaline. Prior to using any Westbuild Concrete product with aluminium posts or poles, Westbuild recommends you confirm the suitability of use with the aluminium manufacturer and/or supplier.

Risk

All cement-based products are alkaline and can cause irritation. This product is considered hazardous according to criteria of Work Safe Australia. A dust mask should be worn when handling the material. Continuous or extended contact with this product may cause irritation, as well as respiratory issues such as bronchitis or silicosis. Contact with the eyes and repeated and prolonged skin contact should be avoided.

Safety Precautions

A dust mask should be worn when handling the material. Continuous or extended contact with this product may cause irritation, as well as respiratory issues such as bronchitis or silicosis. Contact with the eyes and repeated and prolonged skin contact should be avoided.

Technical/Safety Data

TECHNICAL DATA SHEETS (TDS) AND SAFETY DATA SHEETS (SDS) are available on request and should always be referenced before handling this product and before the commencement of any works. A WESTBUILD Representative is always available should you require further information. Visit our website for further information on the use of this product and suitability for your application.

Related Products

WESTBUILD Concrete40™
WESTBUILD Kwikset™ Concrete
WESTBUILD Dry-Mix Concrete GP
WESTBUILD Dry-Mix Structural24 – Rapid Strength Concrete

It is the responsibility of the user to ensure that products are used in accordance with the Westbuild Products Pty Ltd instructions for use, and Australian Standard procedures in applications for which they are intended. Westbuild Products Pty Ltd and its associated companies cannot guarantee and are not liable for the use of their products outside of Australian Standards guidelines and the Westbuild Products Pty Ltd instructions for use. The technical details and recommendations contained in this data sheet are given in good faith and represent the best of our knowledge at time of printing. Freedom from patent restrictions should not be assumed.

WESTBUILD CONTACT DETAILS
PHONE: 08 9309 2029
FAX: 08 9302 1129
Email: technical@westbuildgroup.com