

CONCRETE GP

General Purpose

WESTBUILD Concrete General Purpose (GP) is a blend of proportioned aggregates, sand and Portland cement. It is particularly suited for small concrete jobs, garden sheds, slabs, footings, securing gates or posts.

WESTBUILD Concrete is ready to use, and now supplied in a new rainproof, tear and dust resistant packaging.

Advantages

- Premium Quality
- Australian Made
- Ready to use dry mix – Just add water
- Suitable for small concrete jobs around the home or building site
- Achieves strengths up to 24-25MPa for general purpose use.

**** 20kg Available in Rainproof packaging.**



Product Attributes

Uses

Recommended for: WESTBUILD concrete is a general purpose product, and best suited for small concrete jobs around the home and building site. Suitable for securing posts, small concrete jobs including small slabs, footings and general repair work.

Concrete General Purpose (GP) reaches strengths of 24-25MPa. For a higher structural strength, use Concrete40 – High strength concrete up to 40mpa.

For more information on suitable uses or uses that are not listed above, please contact a Westbuild representative.

Colour

Grey

Packaging

20kg Rainproof bag (50 bags per tonne). 60 bags/pallet (1200kg).
30kg Rainproof bag (33.3 per tonne). 40 bags/pallet (1200kg).
9.5kg DIY bag - 112 bags per pallet; part pallet 56 bags

Coverage

A 20kg bag of WESTBUILD General Purpose Concrete makes approximately 0.01m³ of finished concrete. As a guide, you will need approximately 100 bags per m³.

Shelf Life & Storage

WESTBUILD GP Concrete, in 20kg Rainproof Bags can now be stored unopened, outside in any weather conditions and can be stored for extended periods of time.

WESTBUILD GP Concrete, in 9.5kg DIY bag should be stored in a dry environment, off concrete floors in the original unopened bag for up to 12 months. High levels of humidity will reduce the shelf life of the product.



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	2.0 – 2.2 Litres

Mixing

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

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 Handy-Pak Concrete

The use of this product is beyond the manufacturers control, and liability is restricted to the replacement of material should the product be proven faulty. The manufacturer and any affiliated companies are not, and cannot be held responsible for any loss or damage arising from the incorrect usage of the product. All workmanship must be carried out to the applicable Australian standards at the time of any works. The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given to its completeness or accuracy in describing the performance or suitability of the product for a particular application.

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.

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