



CONCRETE40™

High Strength Concrete

Westbuild CONCRETE40 is a blend of Portland cement, admixtures and carefully proportioned sand and aggregates, and is particularly suited for any concrete works requiring a higher strength.

CONCRETE40 is now available in a new rainproof, tear and dust resistant packaging.

Premium Quality
Australian Made
Ready to use dry mix – Just add water
Higher strength than General Purpose Concrete

**** Now in new rainproof packaging**



Usage:

CONCRETE40 is ready to use and designed for structural footings, slabs, posts, and any construction work requiring high strength structural concrete up to 40 MPA.

Directions:

1. Enter the contents of the bag into a concrete mixer, wheelbarrow or onto a smooth non-porous surface.
2. 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.
3. Use the product within 30 minutes.
4. 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.



Placing:

Always use the mixed product within 30 minutes. If the product begins to harden, do not add excess water as this will significantly reduce the strength of the cured concrete.



Yield: A 20kg bag of Westbuild Concrete40 makes approximately 0.01m³ of finished concrete. As a guide, you will need approximately 100 bags per m³

Performance: Typical strength of concrete 40 can be up to 40mpa, depending on the slump and amount of water used

Setting Times: 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.

Packaging: 20kg Rainproof bag (50 bags per tonne).

Storage: Westbuild Gp Concrete , in its unopened packaging can now be stored outside in any weather conditions, and now can also be stored for extended periods of time with its new rainproof packaging.

Attention:

- **Avoid excess water when mixing the product, as this will adversely affect the finished strength of the concrete.**
- **Typical strength is 40mpa after 28 days, when mixed to a slump of 90mm.**
- **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.**

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.

Disclaimer:

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. Users are asked to check that the literature in their possession is the latest issue. Liability is limited at its discretion, to the replacement of the goods or the supply of equivalent goods.

Material safety data sheets should be read before handling or the commencement of any works. Material data sheets are available on request. A WESTBUILD Representative is always available should you require further information.



Related Products and Information

General Purpose (Gp) Concrete
Kwikset 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.

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