



Technical Data Sheet

Crosbe Concrete Mix

Crosbe Concrete Mix is a premium pre-blended selection of fine aggregates, sand, cement, and special additives, designed for a variety of concrete applications.

Recommended Uses:

Crosbe Concrete Mix can be used in numerous applications including, making paths or driveways, garden edges, post fixing for fencing and pergolas, footings.

Advantages:

- Premium Quality
- 32MPa
- Easy Mixing – simply add water
- Great Workability
- Contains Only Fine Aggregates
- Tear and rain resistant PE bags which are 100% recyclable and reduce product loss from damaged packaging

Application & Mixing:

These instructions are for laying concrete paths, driveways, garden edges, post fixing for fencing and pergolas, footings.

1. Place the required quantity of **Concrete Mix** into a wheelbarrow or plastic bucket. Create a hollow, add recommended water and mix. If using a concrete mixer add water first, then gradually add product while mixer is running.



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2. As a guide, the recommended water addition is 2.4 litres of water per 20kg of product. If needed small amounts of additional water may be added incrementally until the desired consistency is achieved, but no more than 100 ml (0.1L).
3. Do Not add excess water over what has been specified – it will reduce strength, durability and alter the application properties.

Curing

Fresh concrete should be protected from loss of moisture as soon as it starts to set. For maximum performance keep the concrete surface moist by covering with plastic sheets or hessian, this will aid especially in hot, windy conditions. Curing should be done for a minimum of seven days.

Yield

Approximately 100 bags of Concrete Mix will produce 1m³.

Temperature Consideration:

The mechanism of interaction between cement and water is temperature sensitive. The set time is delayed at low temperatures and is accelerated at high temperatures. To avoid significant change in setting times, the recommended water temperature, ambient and substrate temperature ranges are:

Water Temperature Range: 15 – 25 °C. Working with temperatures outside of this range will also impact the fluidity of the product.

Ambient Temperatures: Do not apply at a temperature less than 10 °C. Above 30 °C, consider using cooled water for mixing the product. Do not apply in temperatures above 35 °C.

Substrate Temperature: Do not apply onto a surface which has a temperature less than 10 °C or above 35 °C.

Crosbe Concrete Mix – Product Data

Compressive Strength	
7 days	>20 MPa
28 days	>32 MPa
Fresh Mix Density (kg/m ³)	Approx. 2100 - 2300



Packaging:

20kg Polyethylene (PE) bags.

Shelf Life & Storage:

Shelf Life

The shelf life of the product in 20kg PE bags is 12 months from the date of manufacture, if stored indoors in accordance with recommended storage conditions.

Storage

Store in dry conditions, in unopened and undamaged PE bags or Bulk Bags, and in temperatures below 30C. If stored in excessive temperature conditions, externally exposed to the elements or in high humidity conditions, the shelf life may be reduced.

Safety Data:

This product may cause irritation and an allergic reaction to the skin. It may cause serious eye injury and irritation to the respiratory system. In case of contact with the eyes rinse with running water (15 mins) including removal of contaminated clothing. Wear protective gloves, clothing, eye, and face protection. Avoid inhaling dust/ fume/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. A class P2 dust mask is recommended for use when handling powdered material, and whilst grinding or scabbling floors. For detailed information, refer to the SDS for **Crosbe Concrete Mix**, available at www.crosbe.com.

Contact Crosbe:

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Important notice:

A Safety Data Sheet (SDS) is available from the Crosbe website (crosbe.com). Please read the SDS carefully prior to using this product. In an emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia).

Product disclaimer:

Recommendations and advice regarding the use of this product are to be taken as a guide only. The manufacturer of this product and any of its affiliate companies cannot be held responsible for any loss or damage arising from the incorrect usage of this product. 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 information contained herein is to the best of our knowledge, true and accurate. We reserve the right to update information without prior notice. No warranty is implied or given to its completeness or accuracy in describing the performance or suitability of the product for a particular application.

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