

# Technical Data Sheet

## Crosbe Rapid Set Concrete

**Crosbe Rapid Set Concrete** is a premium pre-blend of selected fine aggregates, sand, cement, and special accelerating additives, designed for any non-structural concrete application when rapid setting is required.

### Recommended Uses:

**Crosbe Sand & Cement** can be used in numerous applications including, setting fence posts, clotheslines, and letter boxes.

### Advantages:

- Premium Quality
- Very fast setting – 15 min set time
- 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 setting fence posts, clotheslines, and letterboxes.

This is a rapid setting product – keep this in mind especially in hot windy conditions.

1. Position and support post in the hole.
2. Pre-wet the hole to limit absorption of water into the ground. Fast draining soils may require a plastic lining instead of pre-wetting.





3. Pour 2.5 litres of water into the hole. Do not add excess water as it can impact the quality of the concrete.
4. Gradually add 20kg product to the water, tamping as needed to evenly distribute the mix around the post.

### **Yield**

Approximately 100 bags of Rapid Set Concrete will produce 1m<sup>3</sup>.

### **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.

### **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**

**crosbe.com**

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**1300 797 560**



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 Rapid Set Concrete**, available at [www.crosbe.com](http://www.crosbe.com).

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**Important notice:**

A Safety Data Sheet (SDS) is available from the Crosbe website ([crosbe.com](http://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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