

PT Pan Fill™

technical data sheet

crosbe Pan Fill™ is a pourable, trafficable cementitious mortar with exceptional strength and durability. Engineered for efficient filling of post tensioning anchor pans.

Effective for thickness ranging from: 10mm to 100mm. The specially selected aggregates and admixtures in crosbe PT Pan Fill™ provide for superior bonding and finishing with typical concrete slabs.

Recommended Uses:

Repair of concrete slabs, particularly where a high build application is required in a single application.

Filling of trafficable and non-trafficable PT Pan areas including internal slabs, balconies, car parks and warehouses.

Advantages:

- High build in single application
- Simply mix and pour
- No finishing required
- Rapid strength gain
- Slab grinding possible after 24 hours curing
- Durable, hard wearing finish
- Rain and tear resistant PE bags reduce product loss from damaged packaging

Preparation:

Thorough substrate preparation is essential for achieving adequate adherence of crosbe PT Pan Fill. The substrate surface must be free from grease, oil and loose particles. Following removal of the pan form and completion of corrosion protection to all exposed steel elements, saturate concrete surfaces with clean water for several hours and remove excess water from the pan prior to pouring crosbe PT Pan Fill.

Mixing:

crosbe PT Pan Fill must be mechanically mixed. Use a forced action high shear stirrer for optimum results and to avoid any lumps.

1. Place 2.7 – 2.9 litres of potable water (per 20kg bag) into a clean bucket.
2. Add crosbe PT Pan Fill slowly with the high shear mixer operating.
3. Continue mixing for 3-4 minutes after final addition of ingredients.
4. Pour flowable mortar mixture directly into pan void until desired level is achieved.
5. Coat filled surface with a suitable curing compound.

Temperature Consideration:

The mechanism of interaction between cement and water is temperature sensitive. To avoid significant change in setting times, the recommended ambient temperature and water temperature range is 17 – 25 °C. Working with temperatures outside of this range will also impact the workability of the product.

Extended setting times can be expected when used in ambient temperatures less than 10 °C. When ambient temperatures are above 32 °C, consider using cool water for mixing the mortar.

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Product Data:

Property	Test Method	Result	
Workability	AS 1478.2 Flowable	140 %	
Fresh Wet Density	AS 1012.5	1980 kg/m ³	
Yield	Approximate yield per 20kg bag	11.5 litres	
Compressive Strength	AS 1478.2 Appendix A	1 Day	> 15 MPa
		7 Days	> 35 MPa
		28 Days	> 50 MPa

Testing Parameters: 14.5% of water. Laboratory at: 23±2 °C > 50% RH

Packaging:

20kg PE water resistant bags, 1000kg bulk bags

Shelf Life:

24 months from date of production if stored indoors in undamaged and unopened PE bags.

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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.