

PT

Pocket Patch™

technical data sheet

crosbe Pocket Patch™ is a dry pack mortar with excellent cohesion and shrink resistant properties. Engineered to provide exceptional workability with reduced rebound in vertical applications, it cures to form a dense, highly durable, integrated patch.

Recommended Uses:

Patching of post tensioning pockets.

Protection of anchors, blocks and wedges prior to final filling of pans.

Advantages:

- Can be manually mixed by hand
- No slump in vertical applications
- Improved cohesion to substrate
- Improved rebound reduces wastage
- Counteracts the development of efflorescence
- Resistant to cracking and shrinkage
- 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 Pocket Patch. The substrate surface must be free from grease, oil and loose particles. Following completion of any corrosion protection to exposed steel elements, saturate concrete surfaces with clean water for several hours and remove excess water from the pocket prior to patching.

Mixing:

crosbe PT Pocket Patch can be mixed mechanically or by hand.

Hand Mixing:

1. Place 2.7 – 2.9 litres of potable water (per 20kg bag) into a clean bucket.
2. Add crosbe PT Pocket Patch gradually whilst mixing.
3. Continue mixing mortar until a stiff homogeneous consistency is achieved.

Mechanical Mixing:

1. Place 2.7 – 2.9 litres of potable water (per 20kg bag) into a clean suitable mixer.
2. Add crosbe PT Pocket Patch gradually whilst the mixer is operating.
3. Continue mixing mortar until a stiff homogeneous consistency is achieved.

Patching:

Ensure any excess rinse water has been removed from pocket. Using a steel trowel, apply crosbe PT Pocket Patch into the damp pocket in layers, pressing each layer of mortar against the inside of the pocket with the trowel. Finish the surface as desired with the use of a trowel or appropriate finishing float. Coat patched 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.

Product Data:

Property	Test Method	Result	
Workability	AS 1478.2 Stiff	<100%	
Fresh Wet Density	AS 1012.5	1720 kg/m ³	
Yield	Approximate yield per 20kg bag	13.1 litres	
Compressive Strength	AS 1478.2 Appendix A	3 Days	> 10 MPa
		7 Days	> 15 MPa
		28 Days	> 20 MPa

Testing Parameters: 13% 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.

Contact Crosbe:

Sydney – Head Office

ABN: 58 617 674 085

3 Viewbrook Close, Seven Hills NSW 2147

Ph. 1300 797 560

info@crosbe.com

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.