



CAPITOL PATCH & RAMP

**Rapid hardening and drying repair mortar for
Internal applications**

Floor Coverings

- Vinyl, Carpet
- Floating Timber

Substrates

- Internal Dry Concrete Substrates

Australian Flooring Supplies

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www.shopqep.com.au

CAPITOL PATCH & RAMP

Rapid hardening and drying repair mortar for Internal applications

PRODUCT DESCRIPTION

Capitol Patch & Ramp is a rapid drying, internal use repair mortar. A non slump formula, ideal for patch repairs and ramping on vertical and horizontal substrates, including concrete, masonry, cement screeds and more. Capitol Patch & ramp can be applied from 2mm - 30mm in a single application.

SUBSTRATE PREPARATION

The substrate must be dry, structurally sound, and mechanically prepared to be clean and free of dust, wax, grease, asphalt, latex compounds, curing and sealing compounds and any other surface contaminants. Concrete substrates should achieve CSP3 or greater.

PRIMING

Priming is generally not needed unless the surface is very smooth, dense or non - porous.

MIXING RATIO

Requires 4.5 litres of water per Capitol Patch & Ramp 20kg bag. Avoid adding additional water.

MIXING

Place 4.5 litres of clean water into a suitable bucket. While mixing with a heavy duty drill with an appropriate mixing paddle, slowly add the Capitol Patch & Ramp, and mix through until a lump free consistency is achieved.

MANUAL INSTALLATION

Apply the Capitol Patch & Ramp firmly onto the substrate with a steel trowel. Shape the mortar as needed. After 10 - 15 minutes, the mortar can be shaved/trimmed and finished with a damp trowel or sponge to achieve the desired finish. Once the Capitol Patch & Ramp mortar has hardened, the surface can then be further smoothed or levelled with other Capitol levelling and Smoothing compounds.

SMOOTHING AND REFACING

Observe the short product working time, apply the mixed mortar with a trowel to the required thickness. The material may be finished with a wet trowel after 10 - 15 minutes to provide a finish suitable for direct application of floor coverings. For all applications, apply at temperatures between 10°C - 35°C.

COVERAGE

Approximately 1.6 kg of Capitol Patch & Ramp powder/ m²/mm. A 20kg bag of Capitol Patch & Ramp will cover approximately 12m² at 1mm thickness.

DRYING TIME

At 23°C and 50% relative humidity, Capitol Patch & Ramp has a working time of 10 - 15 minutes. Foot traffic can occur after approximately 60 minutes. Allow longer drying times for thicker applications, humid climates, lower

substrate temperatures and ambient temperatures

STORAGE

Capitol Patch & Ramp has a shelf life of 12 months when stored in the original unopened packaging, in a dry place at 23°C and 50% relative humidity.

TECHNICAL DATA

Bulk density of powder	1.4kg/L
Weight of fresh mortar	1.9kg/L
Initial set	approx. 15 min at 23°C
Final set	approx. 60 min at 23°C
Compressive strength	
After 1 day	25MPa
After 3 days	35MPa
After 28 days	40MPa
Tensile bending strength	
After 1 day	5MPa
After 3 days	8MPa
After 28 days	10MPa
Ball pressure hardness (Brinell)	
After 1 day	40MPa
After 3 days	45MPa
After 28 days	50MPa

SAFETY DATA

Additional information is in the Safety data sheet SDS at www.shopQEP.com.au

This product causes skin irritation and may cause an allergic skin reaction. This product may cause respiratory irritation. It causes serious eye damage and in case of contact with the eyes rinse with running water until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust/fumes/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. This product may cause cancer. Store locked up. Check with your local Council regarding the disposal of contents. Keep out of reach of children. Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell.

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