



# CAPITOL ULTIMATE LEVELLING COMPOUND

Enhanced flow ultimate levelling compound designed to level and smooth internal sub-floors prior to applying direct stick floor finishes.

Floor Coverings

- Vinyl, LVT, Carpet
- Floating Timber
- Direct stick timber

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**Australian Flooring Supplies**

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[www.shopqep.com.au](http://www.shopqep.com.au)

# CAPITOL ULTIMATE LEVELLING COMPOUND

## Enhanced Flow Ultimate Levelling Compound

Capitol Ultimate Levelling Compound is a premium internal levelling compound, designed to rapidly smooth new and existing substrates including strip timber, particleboard, plywood, concrete, CFC and existing ceramic tiles.

Capitol Ultimate Levelling Compound can be used from 3mm to 15mm in a single application and can receive most floor coverings from the next day.

### SURFACE 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.

The substrate should be mechanically prepared to achieve a CSP3 or greater, in-line with AS1884.

### PRIMING

Plywood / Particleboard

Capitol Ultimate Levelling Compound can be installed on particleboard and plywood substrates once Capitol Pro Primer has been applied to the substrate per the Capitol Pro Primer datasheet.

Mix 1-part Capitol Pro Primer with 1-part clean water and mix thoroughly. Apply the primer to the substrate using a short nap roller and allow to dry completely. Capitol Pro Primer should not be allowed to pool.

**\*\*Capitol Pro Primer is not suitable for use over strip timber flooring\*\***

Concrete

Where Capitol Ultimate Levelling Compound is installed over concrete, prime using Capitol Primer as per the datasheet. Mix 1-part Capitol Primer with 2-parts clean water and mix thoroughly. Apply the primer to the substrate with a soft bristled broom and allow to dry completely.

Capitol Primer should not be allowed to pool.

### MIXING RATIO

Requires 4.8 litres of water per Capitol Ultimate Levelling Compound 20kg bag.

### MIXING

Place 4.8 litres of clean water into a suitable bucket. While mixing with a heavy-duty drill and appropriate mixing paddle, slowly add the Capitol Ultimate Levelling Compound and mix for 2-3 minutes, ensuring a lump free consistency

Note: Always add the powder to water. Do not add additional water. Concrete mixers and hand mixing are not suitable methods of mixing.

### MANUAL INSTALLATION

Capitol Ultimate Levelling Compound is placed on the substrate to the required thickness (3mm – 15mm) within 10 minutes, using a range of appropriate flooring tools; gauge rakes, smoothing spreaders, hand trowels, etc.

Suitable footwear with rubber or nylon studs should be worn to avoid leaving marks in the Capitol Ultimate Levelling Compound.

### THICKNESS

Capitol Ultimate Levelling Compound can be applied from 3mm to 15mm thickness in one application. For areas requiring a thickness greater than 15mm to a maximum of 40mm, Capitol Ultimate Levelling Compound can be mixed with a well washed and dried 2–5mm aggregate. Mix Capitol Ultimate Levelling Compound with water (4.8L), then add the aggregate (up to an equal weight of the powder) whilst mixing.

### DRYING TIME

Walkable in 2 - 3 hours, floor coverings such as carpet and floating floors can be installed after 24 hours and tiles once walkable. Suitable for direct stick applications such as vinyl after 48 hours and timber flooring after 72 hours.

Moisture-sensitive floor coverings (Vinyl or timber) can require longer drying before installation. Allow longer drying times for humid climates and lower substrate/ambient temperatures

### COVERAGE

Approximately 1.4g powder/mm/m<sup>2</sup>.

A 20kg bag will cover approximately 4.5m<sup>2</sup> at 3mm thickness.

### TECHNICAL DATA

Bulk density of powder	1.2kg/L
Weight of fresh mortar	1.8kg/L
Initial set	approx. 45min
Final set	approx. 90min
Compressive Strength	
After 1 day	15MPa
After 7 days	20MPa
After 28 days	30MPa
Tensile bending strength	
After 1 day	5MPa
After 7 days	8MPa
After 28 days	10MPa

### STORAGE

Capitol Ultimate Levelling and Compound 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.

### SAFETY DATA

This product may cause skin irritation and 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 the 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. Additional information is in the Safety Data Sheet SDS at [www.shopQEP.com.au](http://www.shopQEP.com.au)

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