

## Specifications June 2011

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Welcome to the most advanced and practical waterproof laminated flooring available in Australia. Aquastep® is the latest innovation in laminated flooring. Aquastep® unique waterproof and acoustic properties eliminate most water, moisture and sound problems of typical wood and laminate floors. 100% waterproof and with the highest available fire rating, Aquastep® is eco friendly and VOC free.

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**Composition:** Aquastep® is manufactured using the latest recycling technology, using plastics, stone and natural woods to provide a waterproof VOC free flooring. Aquastep® is vacuum formed allowing for practical shaping to assist thermal and acoustic properties.

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**Dimensions:** Board size 800mm x 125mm x 12mm

**Slip Resistance:** Aquastep® is rated R10 slip resistance (ATTAR 11/5330 27/9/2011)

**Fire Resistance:** Aquastep® has achieved the highest available Fire Resistant Rating of 10.6 Kw/m<sup>2</sup> making it suitable for installation in homes to hospitals. (AWTA Test: 7-580963-CN)

**Acoustic Properties:** Aquastep® is developed with a sound dissipating central core, resulting in a quieter flooring (up to 30%). BCA minimum requirements of 62 Db (LnTw) are easily achieved with our standard 3mm underlay achieving 58Db based on a building bare slab result of 78. Most building slabs achieve a 75-81 Db base standard. Aquastep® unique core and construction will reduce sound by 20 Db in all cases.

When installed with Regupol 5mm acoustic underlay the result becomes 23 Db. With Regupol 8mm dimple profile an overall reduction of 25 Db achieved.

An LnTw of 45 Db (some councils or buildings require this exceptional low level) is achieved with multiple layers of Regupol and pineboard, and will raise the floor level by 40mm.

Testing : AS/ISO 717-2-2004 Acoustic Dynamics T001-T005

**VOC Properties:** Aquastep achieves an EO rating. No VOC emissions are detected, allowing Aquastep® to claim a VOC free flooring. Testing: SGS SH9218649/CHEM

**Installation:** Aquastep® is designed as a floating floor, to be installed over the top of underlay. Direct stick application can be achieved on level flooring and is recommended in wet areas such as bathrooms.

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