

THE  
ENGLISH  
TAPWARE  
COMPANY



*The full range of Perrin & Rowe bathroom tapware and accessories is now available in Australia*

*We established The English Tapware Company to bring premium quality traditional styled tapware and bathroom accessories to the Australian market. Our research identified Perrin & Rowe as the world's leading manufacturer and we have also imported it into New Zealand since 1996. Our experience has vindicated our choice; no other brand in the world comes near it for the range of product designs, the intricate detailing of each component, manufacturing excellence to preserve this detailing during the production process and the range of durable finishes.*

*The Perrin & Rowe tapware, hand basins and toilets imported by The English Tapware Company are made in*

*England, specifically for Australia. The design engineers at Perrin & Rowe took time to assess and re-design every product to comply with the Australian tapware standards and plumbing systems and to obtain the mandatory WaterMark certification for it.*

*You can be assured that the specification of Perrin & Rowe tapware into a project will be well rewarded. Our staff are passionate about quality and design and strive to assist and support our clients with information for project planning, with technical and installation details, with commissioning and with after sales service. Our new Perrin & Rowe Bathroom and Accessories brochures will*



*guide you through the selection process and you may register on our website to be advised of the exciting new product releases we have planned for 2010.*



**PERRIN & ROWE**  
MAYFAIR LONDON

**CONTEMPORARY**

**COMING TO AUSTRALIA IN 2010**

*[www.englishtapware.com.au](http://www.englishtapware.com.au)*

## *Pressure balancing shower mixers – behind the scenes...*

*We have all used single lever shower mixers but very few of us know what lies behind the handle and the faceplate.*

*Have you stepped into a shower, adjusted to just the right temperature, only to have someone, somewhere else in the house, turn on a tap or flush the toilet which completely changes the water temperature. The same thing can happen when a dishwasher or clothes washer starts to fill. A drop in the hot water supply abruptly gives you a cold shower while a loss of your cold water immediately leaves you with scalding water and places children, elderly and disabled people at risk of serious burns.*

*This problem is avoidable if you buy a shower mixer with a pressure balancing valve. There are generally two types of mechanisms for single lever shower mixers and each responds differently to this situation.*

*The simplest is like a single lever kitchen or basin tap mounted into the wall, as it uses the same ceramic disc valve as a kitchen or basin tap. These valves are the least expensive, but they do not provide for any changes in water pressure or temperature.*

*The second type of single lever shower mixer has a purpose made mixing mechanism which is known as a “pressure balancing valve”.*

*A pressure balancing valve is a sophisticated plumbing device that reacts to changes in the pressure of the incoming water. The hot and cold water supplies are fed into the shower mixer and the job of the pressure balancing valve is to ensure that the volume of mixed water which leaves the shower mixer is a constant mix of these two supplies, even if the delivery pressure of one of them changes.*

*In the event of a drop in the hot or cold water supply, the output of the shower will immediately reduce to the pressure of the lowest supply line. There is no risk of the user being frozen or scalded as the pressure and temperature of the water being fed to the shower outlet is kept constant, even when the supply pressure is not.*

## *Perrin & Rowe pressure balanced shower mixer AU.5506*



- *Manufactured in England with WaterMark certification.*
- *The water flow and temperature are controlled by the single lever for ease of use.*
- *Fitted with a pressure balancing valve to accommodate changes in incoming water pressure and thus provide safe, comfortable showering.*
- *Pressure balancing mixers are suited to most systems. A minimum inlet pressure of 0.5 bar/50 kpa (5 metres head) is required to achieve adequate performance. Accordingly, some gravity fed systems may not be suitable for pressure balancing mixers.*
- *Maximum inlet pressure is 5 bar/500 kpa.*
- *Note that pressure balancing mixers are not “thermostatic”, i.e. temperature sensitive.*