

# WP230 Waterproofing Wet Areas with Acoustic Underlay

## Preparation:

1. All surfaces to be waterproofed must be firm, clean, dry, sound and smooth. All grease, oil, wax, curing compounds, loose material, paint and any other contaminants must be removed, masonry surfaces must be pointed flush and surface defects repaired. New concrete must be cured for a minimum of 28 days.
2. External corners to be waterproofed must be bevelled to ensure a smooth transition of membrane from vertical to horizontal surfaces.

## Installation:

1. Waterproofing installation shall be in accordance with the applicable provisions of the National Construction Code. Tile installation shall be in accordance with AS 3958 Installation of Ceramic and Stone Tiles.

2. Install **TPA Screed** to achieve appropriate falls to waste. Where a bonded screed is required, apply a bond coat using **TPA 401M** or **TPA Lite**. Install **TPA Rapid Screed** for an engineered or rapid set screed, using a bond coat of **TPA Rapid** for bonded screeds.

**TPA Screed** is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external floor applications.

**TPA Rapid Screed** is a pre-blended, rapid set, engineered screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external floor applications.

3. Install **Vibramat** Acoustic Mat using **RLA RL1000** Adhesive.

**Vibramat** is an acoustic underlay made from recycled tyres and waste rubber.

**RLA RL1000** is a single-part, VOC compliant isocyanate free water resistant resilient flooring adhesive.

4. Apply **WPA 200**, **WPA 230UV**, **WPA 400**, **WPA 500** or **WPA Rapid** membrane in a minimum of two coats to achieve the required dry film thickness. Ensure that the previous coat has completely dried before applying the subsequent coat(s). NOTE: All penetrations must be waterproofed.

**WPA 200** is a flexible, two-part, rapid drying, cementitious waterproofing membrane system, specifically designed for use under tile, stone and exposed applications.

**WPA 230UV** is an elastomeric, fibre reinforced, water-based polyurethane membrane system designed for exposed or under tile applications.

**WPA 400** is an elastomeric, fibre reinforced waterproofing membrane based on high performance polymer technology designed for use under tile finishes.

**WPA 500** is a waterborne, fibre reinforced, flexible waterproof membrane designed for use under tile finishes.

**WPA Rapid** is a fast curing, waterborne flexible waterproof membrane designed for use under tile finishes.

5. Install tiles using **TPA 401M**, **TPA 501R** or **TPA Lite** tile adhesive.

**TPA 401M** is a white, flexible, powdered adhesive for wall and floor applications.

**TPA 501R** is a cost effective, high coverage, flexible, powdered adhesive for wall and floor applications.

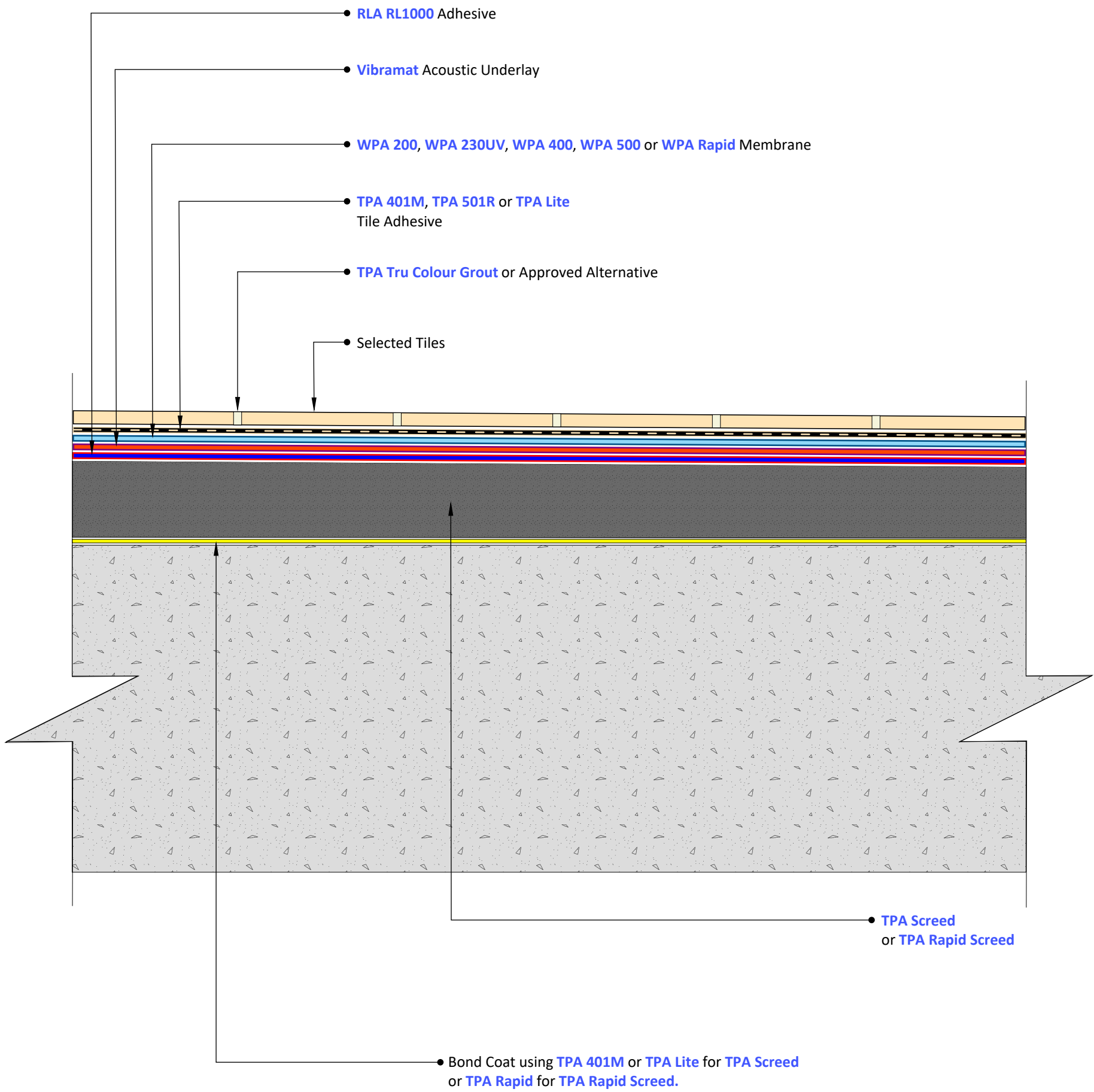
**TPA Lite** is a premium grade, white, fibre reinforced, flexible cement based tile adhesive, based on a light weight formulation.

6. Grout tiles using **TPA Tru Colour Grout** or approved alternative.

**TPA Tru Colour Grout** is a high-performance stain & efflorescence resistant grout, designed for use with most types of Ceramic, Mosaic, Natural Stone and Glass Tiles.

7. Install backing rod to all perimeter and intermediate movement joints and seal with **TPA Tru Colour Sanitary Silicone** or approved alternative.

**TPA Tru Colour Sanitary Silicone** is a mould resistant, non-diluted, high performance, UV resistant, neutral cure silicone sealant.



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