WP350 Waterproofing Balconies 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 AS 4654.2 Waterproofing membrane systems for exterior use - Above ground level - Design and installation.
   Tile installation shall be in accordance with AS 3958.1 Ceramic tiles - Guide to the installation of ceramic tiles.

2. Install **ACS Screed** or an appropriate pre-blended bagged screed where required, to achieve appropriate falls to waste.
Where a bonded screed is required, apply bond coat using **TPA 401M** or **TPA Lite.**

   ACS Screed is a pre-blended screed mixture for the installation of cementitious screeds and beds.

3. Install **Vibramat** Acoustic Underlay with **RLA RL1000** Adhesive.

   Vibramat Acoustic Mat 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).

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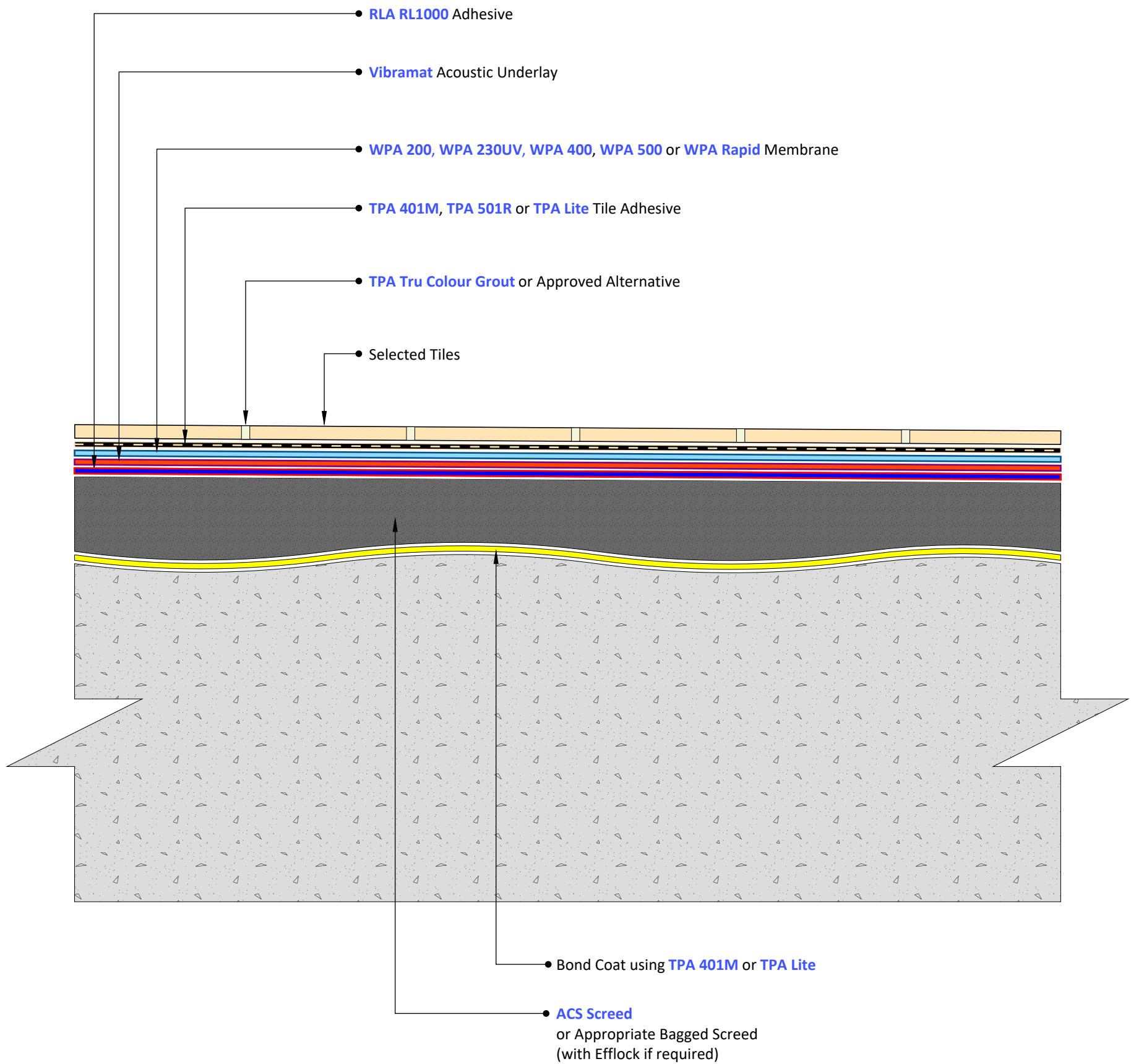
   TPA Lite is a premium grade, white, fibre reinforced, flexible cement based tile adhesive, based on a light weight formulation.

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

   TPA Tru Colour Grout is a high-performance stain & efflorescence resistant grout. It is 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.

RLA **RL1000** Adhesive

Vibramat Acoustic Underlay

WPA 200, WPA 230UV, WPA 400, WPA 500 or **WPA Rapid** Membrane

TPA 401M, **TPA 501R** or **TPA Lite** Tile Adhesive

TPA Tru Colour Grout or Approved Alternative

Selected Tiles

Bond Coat using **TPA 401M** or **TPA Lite**

ACS Screed
or Appropriate Bagged Screed
(with Efflock if required)

bayset
Specialist Trade Suppliers
Waterproofing, Flooring & Concrete Repair Industries

**Waterproofing Balconies
with Acoustic Underlay**

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