

WP340 Waterproofing Concrete Balconies - Pavers on Pedestals

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.
2. Install a puddle flange to all waste pipes, ensuring that puddle flanges are recessed into the substrate.
3. Install an appropriate fillet (bond breaker) to all transitions using **WPA MS** or **WPA SPUR**.

WPA MS is a single component, moisture cured silane modified hybrid sealant.

WPA SPUR is a high quality, professional, universal, low modulus sealant based on hybrid technology.

4. Prime PVC and other non-porous substrates using **WPA 160** primer.

WPA 160 is a specialised solvent free primer designed for enhancing the adhesion of subsequent membranes, adhesives, toppings and decorative finishes over non-porous substrates.

5. Apply **WPA 460** or **WPA 560** primer to the substrate being waterproofed.

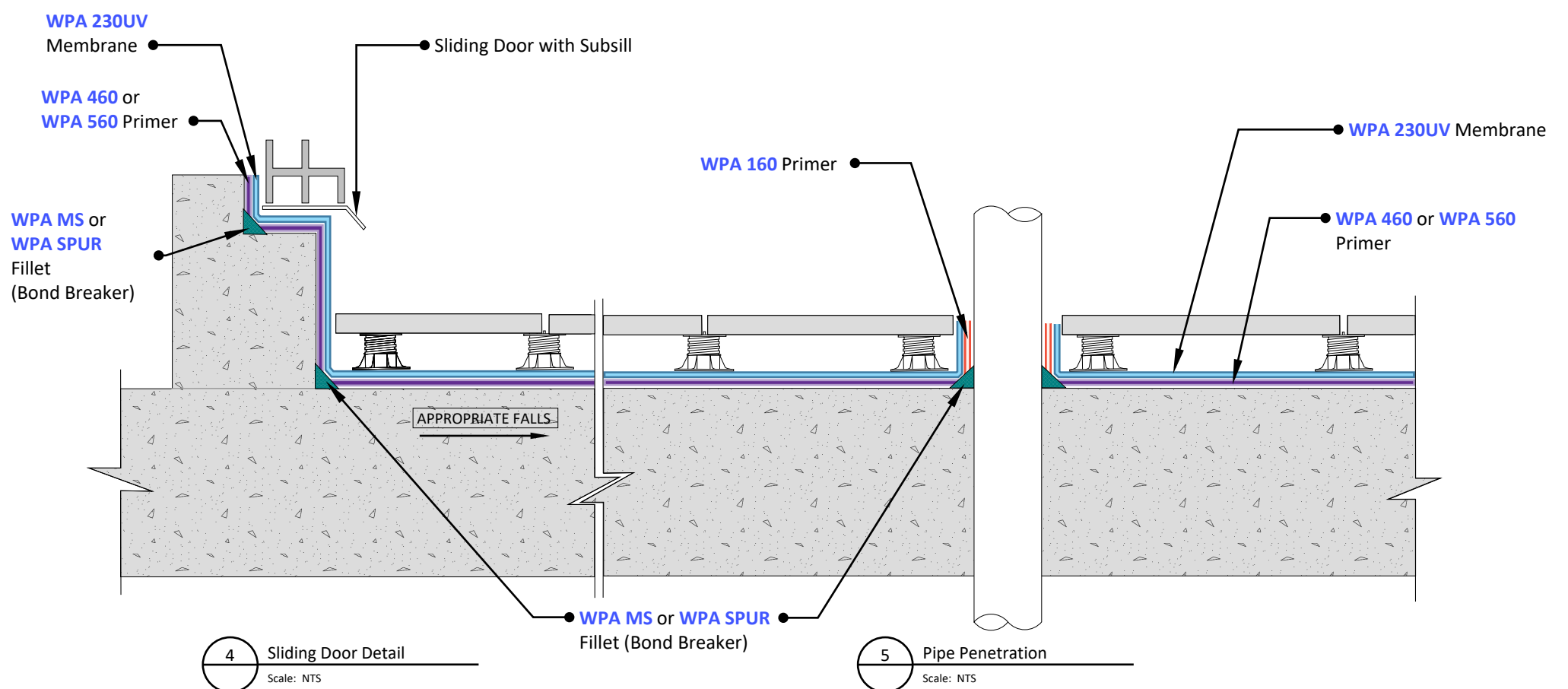
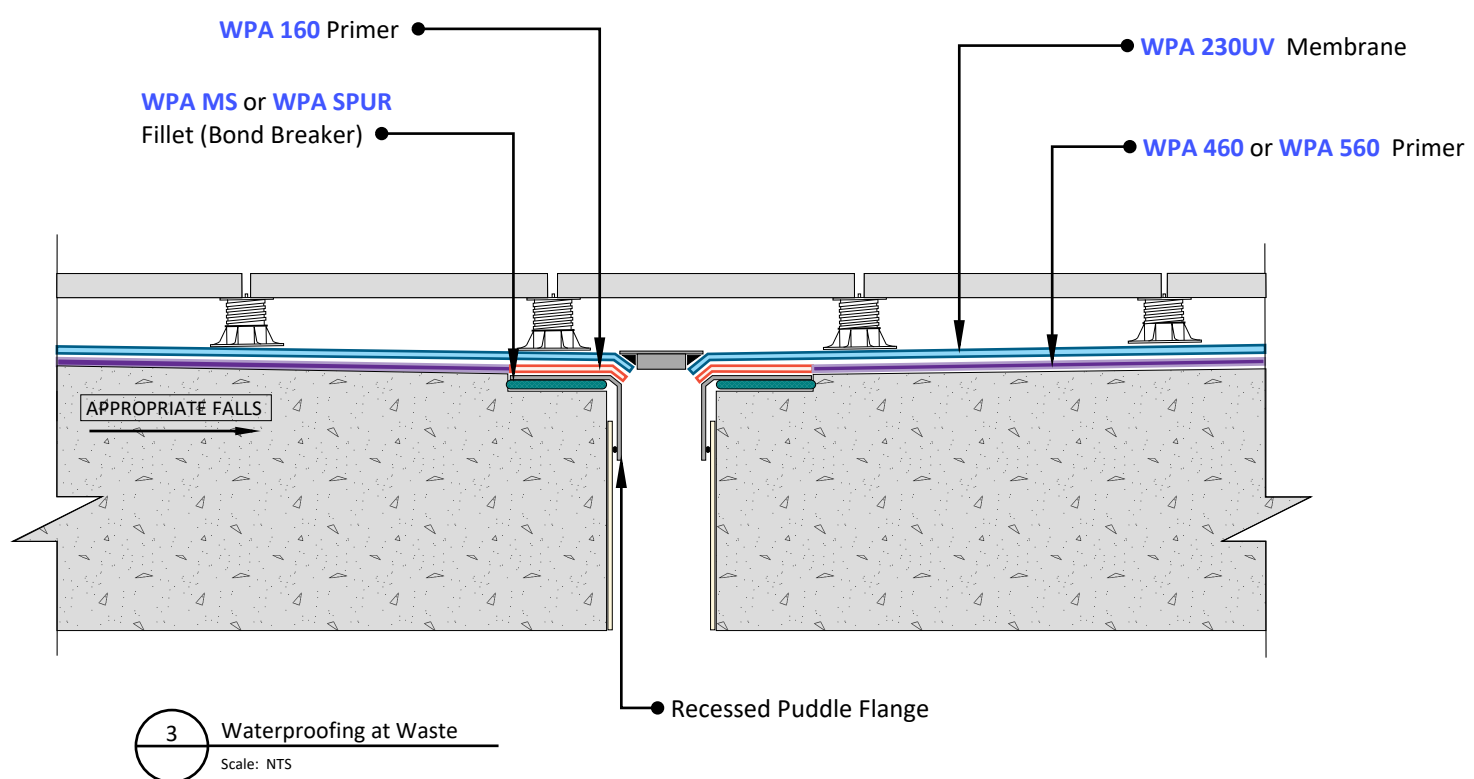
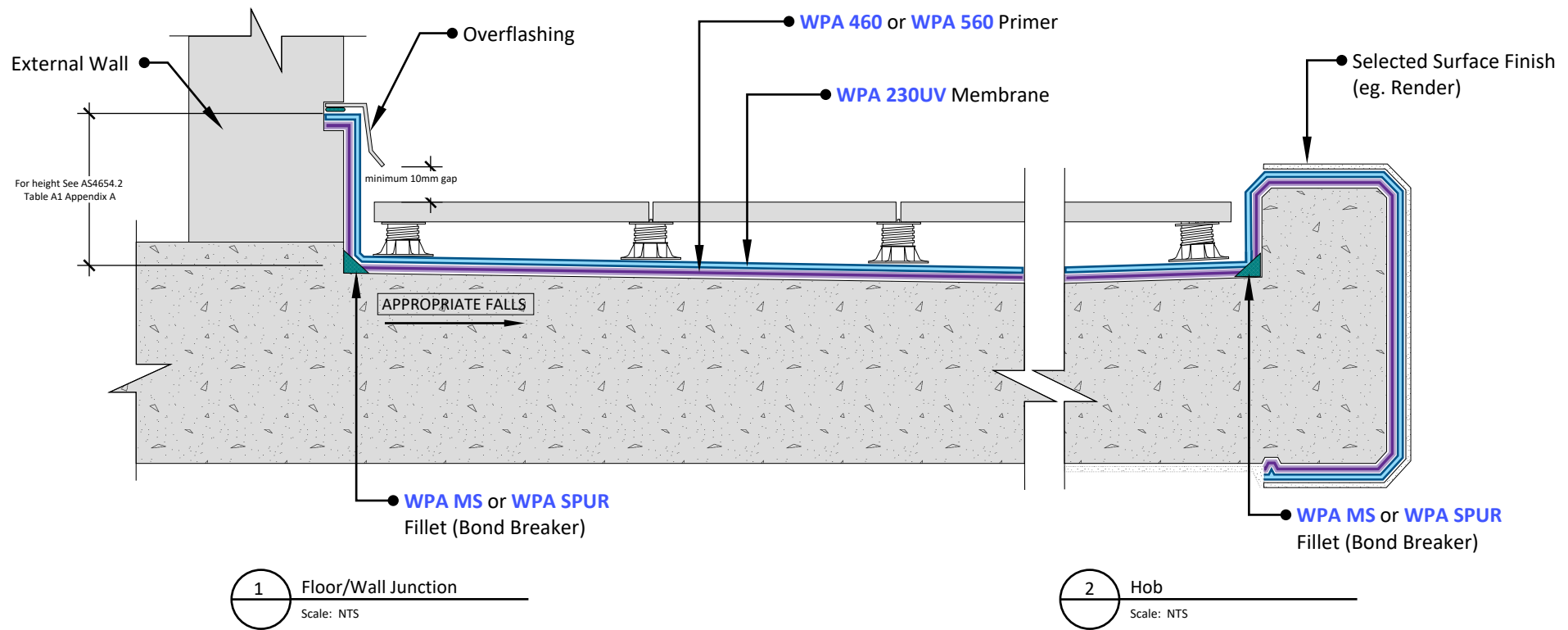
WPA 460 is a two-part, water-based epoxy primer, used to seal concrete and masonry surfaces.

WPA 560 is a two-part, water-based epoxy primer, designed as a water and vapour proof coating under waterproofing membranes.

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

7. Install overflashing where required.
8. Install suitable pavers or tiles using an appropriate pedestal system.



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