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Construction Solutions

HYDRO BAN[®] Waterproofing & Crack Suppression Membrane System Installation Training Manual

TDS-1005NZ

LATICRETE HYDRO BAN[®] Waterproofing & Crack Suppression Membrane System



Installation Training Manual

05/2025/Version 1

INTRODUCTION:

The purpose of this course is to introduce and educate you in the application of the LATICRETE® HYDRO BAN® System. Once Successfully completed, you will become a trained applicator of LATICRETE HYDRO BAN and will be listed with LATICRETE New Zealand as such. Note that as building methods, standards and waterproofing materials are constantly upgraded, it is prudent to attend training courses on a frequent basis. Therefore to maintain your position on our trained applicator list, your company must attend a LATICRETE HYDRO BAN training course at least once every 3 years.

LATICRETE is a world-wide manufacturer and marketer of installation systems for ceramic tile and stone used in residential, commercial and industrial applications. For over 65 years, LATICRETE has provided the technology, products and experience to make innovative, permanent installations for tile and stone. Architecturally specified and professionally endorsed by installers, LATICRETE offers a dedication to quality that results in globally proven solutions for virtually every application.

We trust you will find this course informative and hope that through your support and continued use of the LATICRETE HYDRO BAN System, we can simplify and enhance your business in the area of Under Tile Waterproofing and Crack Isolation.

Yours Sincerely

Jared Caldwell
Managing Director
LATICRETE New Zealand

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1. DESCRIPTION:

LATICRETE[®] HYDRO BAN[®] Membrane is a thin, load bearing waterproofing/crack isolation membrane that DOES NOT require the use of fabric in the field, coves or corners. LATICRETE HYDRO BAN is a single component self curing liquid rubber polymer that forms a flexible, seamless waterproofing membrane. LATICRETE HYDRO BAN bonds directly to a wide variety of substrates and is Rapid drying for a faster time to tile.

LATICRETE HYDRO BAN Membrane offers Anti-fracture protection of up to 3 mm over shrinkage and other non-structural cracks and Bonds directly to metal and PVC plumbing fixtures.

LATICRETE HYDRO BAN Membrane has been appraised by BRANZ and has the Appraisal No 865 (External) & 866 (Internal).

LATICRETE HYDRO BAN Membrane has been tested by the CSIRO to AS/NZS4858-2004 and AS4654.1 and exceeds the requirements of a Class 3 liquid applied membrane.

LATICRETE 335 & LATICRETE 254 when tested over HYDRO BAN Membrane in accordance with AS ISO 13007.5-2020 meets the requirements of classification DM P.

2. BENEFITS OF THE LATICRETE® HYDRO BAN® SYSTEM:

- Allows for fast time to flood test*.
- Does not require the use of fabric.
- Bonds directly to copper, steel, stainless steel and PVC for flashing to plumbing fixtures only.
- Thin; only 0.6 to 0.9mm thick when cured.
- Changes in colour from a light sage to an olive green when dry.
- Changes in colour works as coverage guide during application.
- Anti-fracture protection of up to 3 mm over shrinkage and other non-structural cracks†.
- “Extra Heavy Service” rating per ASTM C627 “Robinson Floor Test”.
- Inhibits stain-causing mould and mildew growth in the substrate with antimicrobial product protection.
- Rapid drying for faster time to tile.
- Lighter colour for ease of inspection.
- Safe - Low VOC. No solvents and nonflammable.
- Install tile, brick and stone directly onto membrane.
- Can be fully immersed - permanently.

† For gaps 3 mm or less see Data Sheet TDS-1003NZ

* Refer to “7. Flood testing” section for more information on curing.

3. SUITABLE SUBSTRATES:

1. Consult Product Data Sheet and Safety Data Sheet prior to commencing work.
2. Concrete – (Without crystalline additives, sealers, pore blockers, hydrophobic additives and the like) unformed concrete surfaces that have wood floated or lightly steel trowelled finishes. Formed surfaces that have been processed to expose the fine aggregate and be laitance free. For exterior and interior applications.
3. Cement Mortar – (mixes ranging from 1:3 – 1:5 of ordinary Portland cement/sand) thick bed screeds, plasters, renders and skim coats for both internal and external applications.
4. Existing Ceramic Tile, Stone or Cement Terrazzo – Clean, sound, well adhered ceramic tile, glass mosaics, stone, glazed Cement Masonry Unit(CMU)/brick or cement terrazzo must be prepared before the application of a nominal 3 mm skim coat of a latex thin-set adhesive. For both internal and external application.
5. Masonry – Brick and CMU. Should be clean and sound, apply a nominal 3 mm skim coat of LATICRETE® latex thin-set adhesive and trowel to a smooth and flat surface. For both internal and external application. See TDS-1001NZ.
6. Cement Backer Board – For both internal and external application. Verify acceptability of board to be used externally for the proposed installation with the board manufacturer. Contact LATICRETE if board has smooth polished surface, has a highly glazed surface, moisture blocking sealers or other coatings.
7. Exterior Glue Plywood and Gypsum Wallboard – Do not use for continuously immersed application. For interior applications only. Contact LATICRETE if Gypsum Wallboard has moisture blocking sealers on it. Not all plywood is suitable – Contact LATICRETE.
8. Metal and PVC – PVC, copper, steel or stainless steel metal surfaces must be cleaned of oil, grease, rust and other potential bond breakers and must be abraded with sandpaper or wire brush just prior to application. For application when attaching to flashings or plumbing fixtures only.
9. Resilient Flooring - Clean, sound, well adhered resilient flooring or high-pressure laminate must be prepared, then apply a nominal 3 mm skim coat of LATICRETE 254 Adhesive. Do not use for continuously submerged installations. For interior applications only.

4. LIMITATIONS:

1. Do not bond to OSB, particle board, Luan, Masonite[®] or hardwood surfaces.
2. Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for a waterproof membrane. When a waterproof membrane is required, use LATICRETE[®] HYDRO BAN[®].
3. The Installation of waterproofing membranes in submerged applications must be installed in a manner that creates a continuous “waterproof pan effect” without voids or interruptions. Therefore, applying waterproof membranes in limited areas (e.g. solely at the waterline) in submerged applications is not recommended.
4. Must be covered with ceramic tile, stone, brick, dry pack thick bed mortar beds (non-submerged applications), terrazzo or other traffic bearing finish. Use protection board for temporary cover.
5. Not for use beneath cement or other plaster finishes. Consult with plaster manufacturer for their recommendations when a waterproofing membrane is required under plaster finishes.
6. Not for use under self leveling underlayments or decorative wear surfaces.
7. Surfaces must be structurally sound, stable and rigid enough to support ceramic/ stone tile, thin brick and similar finishes
8. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed $L/360$ for thin bed ceramic tile/brick installations or $L/720$ for thin bed stone installations and external framed facade installations where L =span length.
9. Do not use over dynamic expansion joints, structural cracks or cracks with vertical differential movement (See “TDS-1003NZ HYDRO BAN Installation Instructions for New Zealand”, for complete instructions).
10. Do not use over cracks >3 mm in width.
11. Do not use as a vapour barrier (especially in steam rooms).
12. Do not expose unprotected membrane to sun or weather for more than 30 days.
13. Do not expose to negative hydrostatic pressure, excessive vapour transmission, rubber solvents or ketones.
14. Do not install over plywood tubs/showers/fountains or similar constructs

5. SUBSTRATE CONDITIONS:

1. Surfaces must be structurally sound, stable and rigid enough to support ceramic tile, stone, thin brick and similar finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed $L/360$ for thin bed ceramic tile/brick installations or $L/720$ for thin bed stone installations where L =span length. See illustration 1.
2. For thin or medium bed tile installations when a cementitious bonding material will be used: including large and heavy format tile adhesive (aka medium bed adhesive): maximum allowable variation in the tile substrate – for tiles with edges shorter than 375mm, maximum allowable variation is 6mm in 3m from the required plane, with no more than 1.5mm variation in 300mm when measured from the high points in the surface. For tiles with at least one edge 375mm in length or longer, maximum allowable variation is 3mm in 3m from the required plane, with no more than 1.5mm variation in 600mm when measured from the high points in the surface. For modular substrate units, such as exterior glue plywood panels or adjacent concrete masonry units, adjacent edges cannot exceed 1mm difference in height.
3. Allow wet mortars/plasters (tilers screed bed consistency) to cure for 72 hours at 21 °C and 50% RH prior to installing HYDRO BAN Membrane. Ensure HYDRO BAN Membrane is cured prior to mortar bed application. Allow an additional 24 hours curing for the application of thicker, wetter beds over HYDRO BAN Membrane. Concrete or mortar beds shall be wood floated or lightly steel trowelled finish. Burnished or highly polished surfaces should be scarified to produce an unglazed lightly textured surface. Weak or chalky surfaces should be removed to present a clean, sound open pored surface.
4. Maximum amount of moisture content of the substrate should not exceed 24g/m² /24Hrs per ASTM F-1869 or 75% relative humidity as measured with moisture probes per ASTM 2170. Consult with finish material manufacturer or supplier to determine the maximum allowable moisture content for substrates under their finished material. Mitigate substrate moisture with LATAPOXY[®] Moisture Shield or LATICRETE[®] HYDRO BAN[®] Slurry.
5. Surfaces should be between 10 °C and 32 °C.
6. Membranes shall be applied to substrates to fall as per code requirements.
7. Concrete and masonry must be free of curing agents, sealers, water repellents or other treatments that prevent membrane bonding.
8. Refer to TDS-1001NZ for installing the HYDRO BAN System over rough surfaces.
9. Note: Do not bond to particle board, flake board, oriented strand board (OSB), Luan, yellow pine, pressure/chemically treated wood, Masonite[®] or hardwood.

6. SURFACE PREPARATION:

1. Remove dust, airborne contaminants, salt, dirt, oil, grease, paint, laitance, efflorescence, curing compounds, sealers, water repellents and other materials that prevents bond. Metal plumbing fixtures must be clean of oil, grease, rust and other potential bond breakers and must be abraded with sandpaper or wire brush.
2. Dampen hot, dry surfaces and sweep off excess water – membrane can be installed over a damp surface. Clean and hydrate all surfaces with a damp sponge immediately prior to applying membrane.
3. Use LATICRETE® 3701 Fortified Mortar Bed; or a LATICRETE latex thin-set adhesive, to patch, pitch, level, skim, plumb or smooth substrates. Do not use gypsum or asphalt underlayments.
4. Existing ceramic/stone tile, glazed CMU or cement terrazzo must be cleaned and skim coated with a nominally 3mm thick layer of LATICRETE 254 tile adhesive or other suitable LATICRETE latex thin-set adhesive.
5. In all wet area work as referenced in the AS 3740:2021 and E3/AS2 IWAM code of practice- the installation shall have a 12mm fillet installed to all wall/floor junctions, hob/wall junctions and movement joints where the membrane is bonded to the substrate as per AS 3740:2021 clause 4.10 for a class 3 membrane. Use LATICRETE HYDRO BAN® Fillet and Sealant for the installation of a 12mm fillet. See Detail 1. In all external above ground work as referenced in AS4654.2:2012, a 15mm transition fillet shall be installed to all membrane changes from horizontal to vertical or vertical to vertical plane as per clause 2.7 Use LATICRETE HYDRO BAN Fillet and Sealant for the installation of a 15mm transition fillet. See Detail 3.
6. Application of LATAPOXY® Moisture Shield (see DS—1176NZ) is required to all external concrete/cement masonry facades and swimming pools prior to the application of LATICRETE HYDRO BAN Membrane.
7. Many cement backer boards incorporate moisture blocking technology that require the use of a liberal application of LATAPOXY Moisture Shield (see DS - 1176NZ) prior to the application of LATICRETE HYDRO BAN Membrane.
8. Use LATICRETE® HYDRO BAN Slurry (see DS - 1259NZ) for areas requiring negative hydrostatic pressure resistance up to 2.5 bars prior to the application of LATICRETE HYDRO BAN Membrane.

7. APPLICATION:

Mixing: LATICRETE[®] HYDRO BAN[®] must be stirred thoroughly in its pail prior to use, either by hand or with a slow speed mechanical mixer. LATICRETE HYDRO BAN must not be watered down.

Tools & Equipment: Tape measure, mixing sticks, broom, slow speed mixer, extra buckets, paint roller with heavy napped roller cover, roller tray, paint brush, box cutter, caulk gun, clean up rags, pail of water and sponge.

Applying Moisture Shield: where required, a liberal application of LATAPOXY[®] Moisture Shield, nominally 30m²/20litre unit, shall be applied to the substrate and allowed to dry before application of the LATICRETE HYDRO BAN Membrane. Check to ensure the application of LATAPOXY Moisture Shield is adequate as per the Product Data Sheet, DS –1176NZ before continuing with the membrane application. Schedule works so the application of LATICRETE HYDRO BAN is made after the LATAPOXY Moisture Shield has dried and within 24 hours following the application of the LATAPOXY Moisture Shield. Install LATICRETE HYDRO BAN Fillet and Sealant directly to any LATAPOXY Moisture Shield before the Membrane is applied.

Application methods:

Pre-Treat Cracks, Cold Joints, Control Joints and Seams:

Fill all non-structural substrate cracks, cold joints, control joints and seams to a smooth finish using LATICRETE HYDRO BAN Fillet and Sealant. Alternatively for all non-structural substrate cracks, cold joints, control joints and seams less than 3mm, apply a liberal coat[^] of LATICRETE HYDRO BAN Membrane approximately 200mm wide over the crack, joint or seam making sure that the crack, joint or seam is completely filled with LATICRETE HYDRO BAN liquid. LATICRETE HYDRO BAN Membrane can be applied with a paint brush, paint roller (heavy napped roller) or a 5mm x 4mm V-notch trowel. When the first coat has completely dried to the dark olive green colour, apply a second liberal coat[^] of LATICRETE HYDRO BAN Membrane and allow to dry. See Detail 7 & 8.

Pre-Treat “Wet Area Work” Corners and Wall/Floor Transitions Within Residential Buildings:

For “Wet Area Work” as referenced in AS3740-2021, prepare and fill all sheet joints, coves, corners, wall/floor junctions and hob/wall junctions to a smooth finish using a LATICRETE latex fortified thin-set. As required by the standard, a 12mm fillet of LATICRETE® HYDRO BAN® Fillet and Sealant shall be installed to all wall/floor, wall/wall and hob/wall junctions prior to the application of LATICRETE HYDRO BAN Waterproof Membrane. When the sealant has skinned/dried, apply a liberal coat^ of LATICRETE HYDRO BAN Membrane at all treated wall/floor, wall/wall and hob/wall junctions approximately 200mm wide making sure that the coat^ is of even thickness and is applied 100mm up the walls and 100mm across the floor with a paint brush, paint roller (heavy napped roller) or a 5mm x 4mm V-notch trowel. When the first coat has completely dried to the dark olive green colour, apply a second liberal coat^ of LATICRETE HYDRO BAN liquid and allow to dry. See fillet in Details 1, 2 and 3.

Pre-Treat “External Above Ground Work” Horizontal to Vertical & Vertical to Vertical Transitions:

For “External Above Ground Work” as referenced in AS4654.2-2012, prepare and fill all horizontal to vertical and vertical to vertical junctions to a smooth finish using a LATICRETE latex fortified thin-set. A 15 mm transition fillet of LATICRETE HYDRO BAN Fillet and Sealant shall be installed to all junction prior to the application of the LATICRETE HYDRO BAN Membrane. When the sealant has skinned/dried, apply a liberal coat^ of liquid at all treated wall/floor and hob/wall junctions approximately 200 mm wide making sure that the coat^ is of even thickness and is applied 100mm up the walls and 100mm across the floor with a paint brush, paint roller (heavy napped roller) or a 5mm x 4mm V-notch trowel. When the first coat has completely dried to the dark olive green colour, apply a second liberal coat^ of LATICRETE HYDRO BAN Membrane and allow to dry. See transition fillet in Detail 3.

Pre-Treat Drains:

Membrane to drainage connections may be made over securely fixed, recessed puddle flanges or embedded/cast in outlets. Use a leak control flange where stack work is cut off flush with concrete substrate level. Flush and fill gaps around flanges and outlets with LATICRETE HYDRO BAN Fillet and Sealant prior to membrane application. Prepare the approved plastic or metal surfaces as previously stated prior to the application of LATICRETE HYDRO BAN Membrane. Ensure a minimum lap of 50mm to the plastic or metal surface with the LATICRETE HYDRO BAN Membrane. When the first coat has completely dried to the dark olive green colour, apply a second liberal coat[^] of LATICRETE HYDRO BAN Membrane and allow to dry. Where a leak control flange is installed the membrane shall be applied over the top of the integrally fixed flange and be turned down and finished a minimum of 50mm into the flange body. See Detail 4.

Pre-Treat Penetrations:

Fill and dress any gaps around pipes, lights or other penetrations with LATICRETE HYDRO BAN Fillet and Sealant as required. Apply a liberal coat[^] of LATICRETE HYDRO BAN Membrane onto and around penetration. When the first coat has completely dried to the dark olive green colour, apply a second liberal coat[^] of LATICRETE HYDRO BAN liquid and allow to dry, see detail 6. As an option particularly in immersed installations, V out around the penetration and make the surface good with LATICRETE HYDRO BAN Fillet & Sealant to seal and create better transition for the membrane at the base of the V. When the sealant has cured, apply a liberal coat[^] of LATICRETE HYDRO BAN Membrane onto and around penetration. When the first coat has completely dried to the dark olive green colour, cover with a second liberal coat[^] of liquid and allow to dry. After the membrane has cured, the V can be filled with LATICRETE latex Mortar to the desired surface level/finish and allowed to cure. This surface can then be further covered with the LATICRETE HYDRO BAN Waterproof membrane to the correct coverage and thickness. See Detail 5. Proprietary penetrations may be used, consult proprietary penetration manufacturer for further details.

Crack Isolation (Partial coverage):

A Crack suppression Installation must be applied a minimum of 3 times the width of the tile or stone being installed. The tile installed over the crack cannot be in contact with the substrate. Follow Detail 7 & 8 for the treatment of hairline cracks, shrinkage cracks, and saw cut or control joints: Apply a liberal coat of LATICRETE® HYDRO BAN® Membrane to a minimum of three (3) times the width of the tile using a paint roller or paint brush and allow to dry. After the first coat has dried to the touch, install a second liberal coat of LATICRETE HYDRO BAN Membrane over the first coat. For crack isolation, LATICRETE HYDRO BAN Membrane dry coat thickness shall be 0.9mm to 1.2mm in thickness. Applying membrane with heavy napped roller will assist in achieving required dry film thickness. Treat closest joint to the crack, saw cut or cold joint in the tile or stone installation with LATICRETE LATASIL™.

Main Application – LATICRETE® HYDRO BAN®:

Allow any pre-treated areas to dry to the touch. Apply a liberal[^] coat of LATICRETE HYDRO BAN Membrane with brush or roller over substrate including pre-treated areas. Flash membrane up over pre-treated coves and corners, so such areas have two layers of liquid. Let completely dry to the dark olive green colour, approximately 1 – 2 hours at 21 °C and 50% RH. Apply another liberal coat[^] of LATICRETE HYDRO BAN Membrane over entire surface to seal the first coat. When last coat has dried to the touch, inspect final surface for pinholes, voids, thin spots or other defects. Use additional LATICRETE HYDRO BAN Membrane to seal defects if required and allow installation to completely cure. Coves, corners, seams and board joints must be pre-treated as described above.

[^]Dry coat thickness is 0.6 mm – 0.9 mm; average consumption per coat is approximately 0.4 litre/m²; average coverage per coat is approximately 2.4 m²/litre. Where specified by designers and regulators dry film thickness can be 1mm. Average coverage as specified will be reduced.

Drains and Penetrations:

Allow for a minimum 6 mm space between drains, pipes, lights or other penetrations and surrounding ceramic tile, stone or brick. Use LATASIL™ Silicone Sealant and LATASIL™ 9118 Primer where required. Use polyethylene backing rods and bond breaker tapes as appropriate for the joint - do not use grout, rigid joint fillers or thin-set adhesives in these joints.

Control Joints:

Ceramic tile, stone and brick installations must include sealant filled joints over any control joints in the substrate. However, the sealant filled joints can be offset horizontally, by as much as half the tile width from the substrate control joint location, to coincide with the grout joint pattern. See detail 7 & 8.

Movement Joints:

Ceramic tile, stone and brick installations must include movement joints at coves, corners, abutments, and other changes in substrate plane and over any movement joints in the substrate. Movement joints in the ceramic tile, stone and brick work are also required at perimeters, at restraining surfaces, at penetrations and at the intervals described in Australian Standards AS3958, Tile Council of North America, Inc. (TCNA) Handbook for Ceramic Tile Installations Method EJ171—current year. Use an appropriate foam backer rod and waterproof sealant.

8. FLOOD TESTING:

Where required, allow LATICRETE® HYDRO BAN® membrane to cure fully before flood testing. Typically 3 days with ambient/surface temperatures above 21 °C with 50% R/H. Cold and/or wet conditions will require a longer curing time. For surface/ambient temperatures between 10 - 21 °C allow a longer time to cure. Allow 1 day after cure prior to flood testing.

9. PROTECTION:

Provide protection for work during installation from extremes in temperature, rain, humidity and wind till cured at 21 °C and 50% RH. Protection should be increased at temperatures between 10 – 21 °C and 50% RH. Provide protection for newly installed dried membrane when covered with a thin bed ceramic tile, stone or brick installation, against exposure to rain or other sources of water for a minimum of 24 hours at 21 °C and 50% RH. Longer times will be required for temperatures between 10 – 21 °C and 50% RH. Higher temperatures than 21 °C will decrease curing times. High substrate moisture content and cold temperatures will extend curing time.

10. CLEAN-UP:

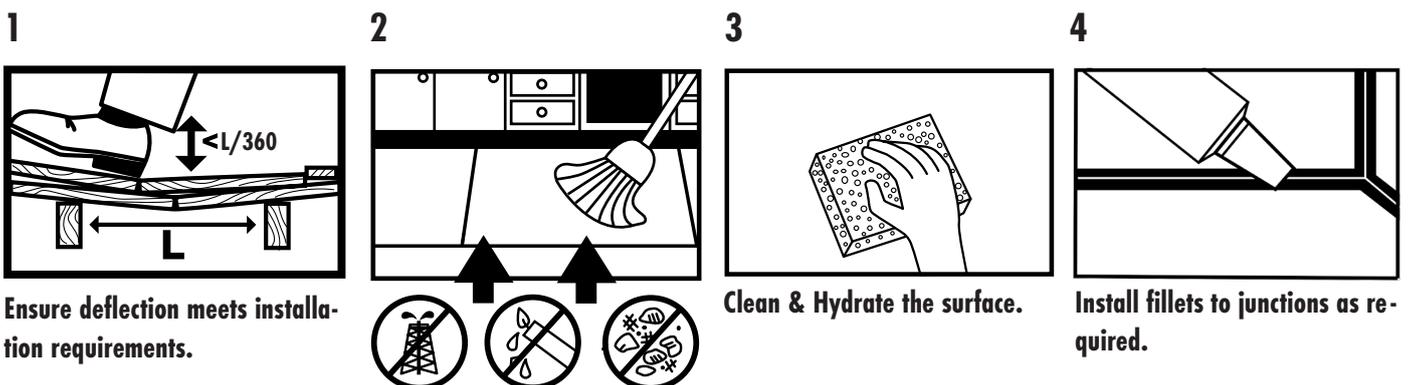
While wet, LATICRETE® HYDRO BAN® can be washed from tools with water.

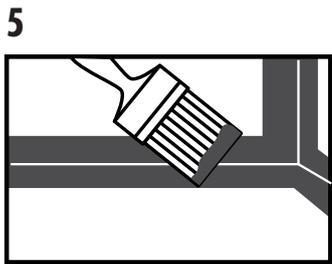
11. INSTALLING FINISHES:

Once membrane has dried to the touch, ceramic tile, stone or brick may be installed by the thin bed method with a LATICRETE® latex thin-set adhesive. Allow membrane to cure at 21 °C and 50% RH before covering with concrete, thick bed mortar, screeds, toppings, coatings, epoxy adhesives, terrazzo or moisture sensitive resilient or wood flooring. Do not use solvent-based adhesives directly on membrane.

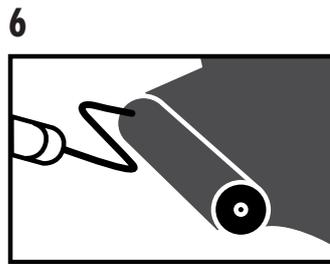
12. ILLUSTRATIONS, DETAILS & DIAGRAMS:

Illustrations 1-13

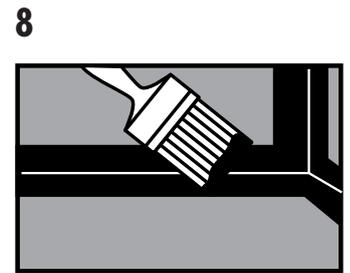




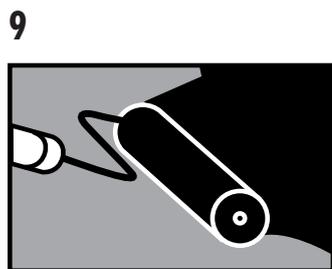
Treat joints for first coat.



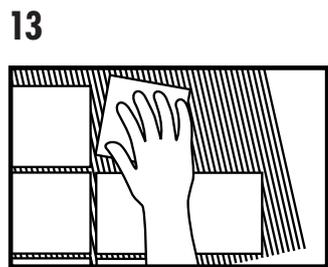
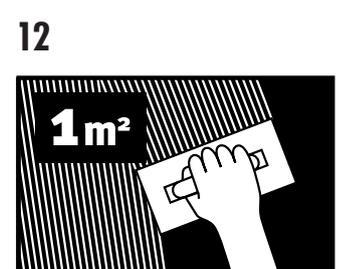
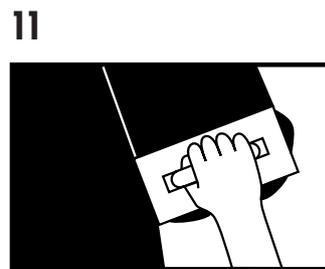
First coat.



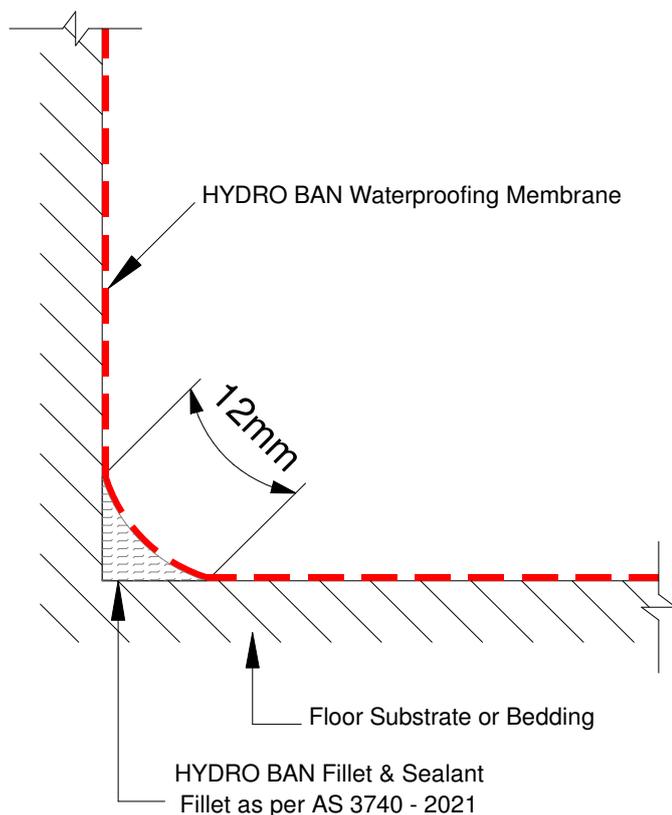
Treat joints for second coat.



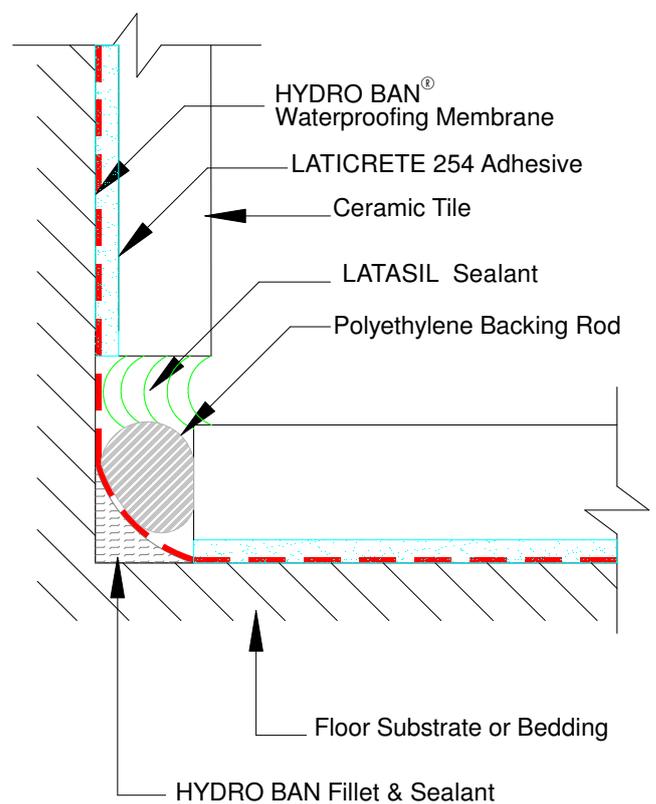
Second coat.



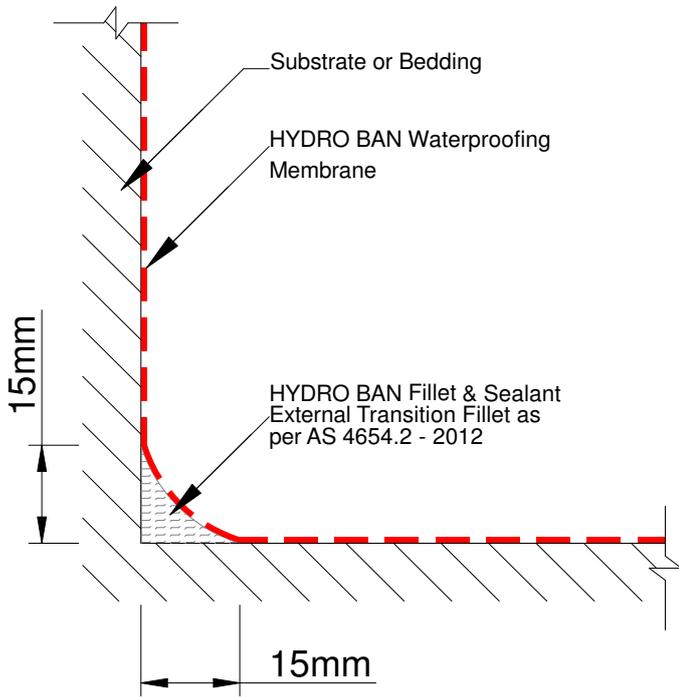
Details



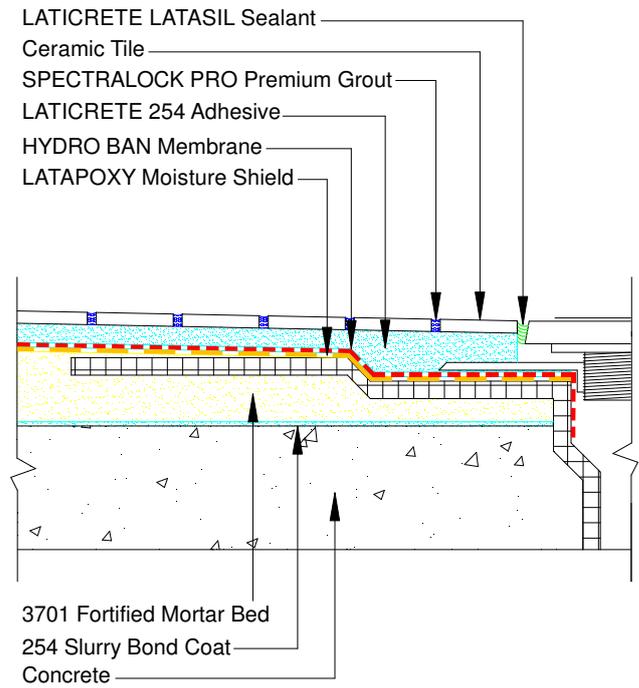
Detail 1 - Bond Relief Fillet



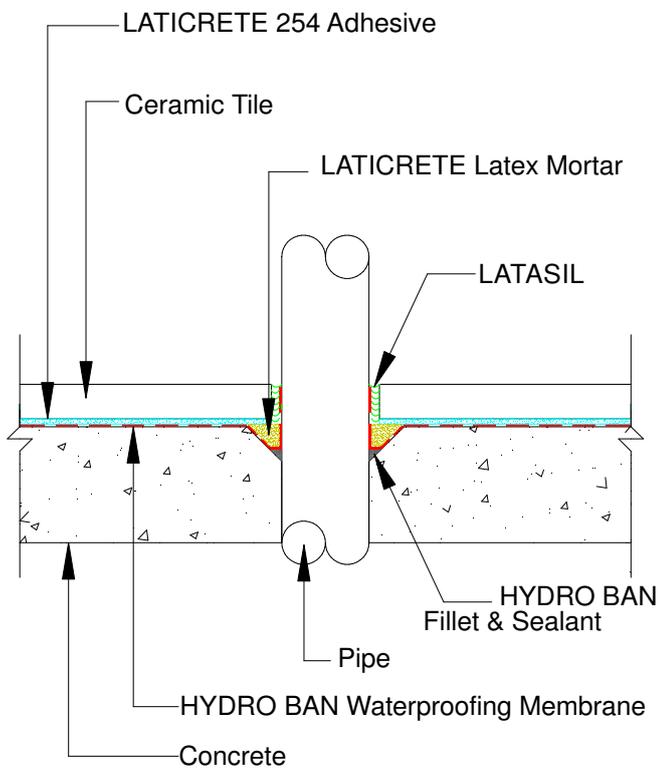
Detail 2 - Typical Thin Bed Installation



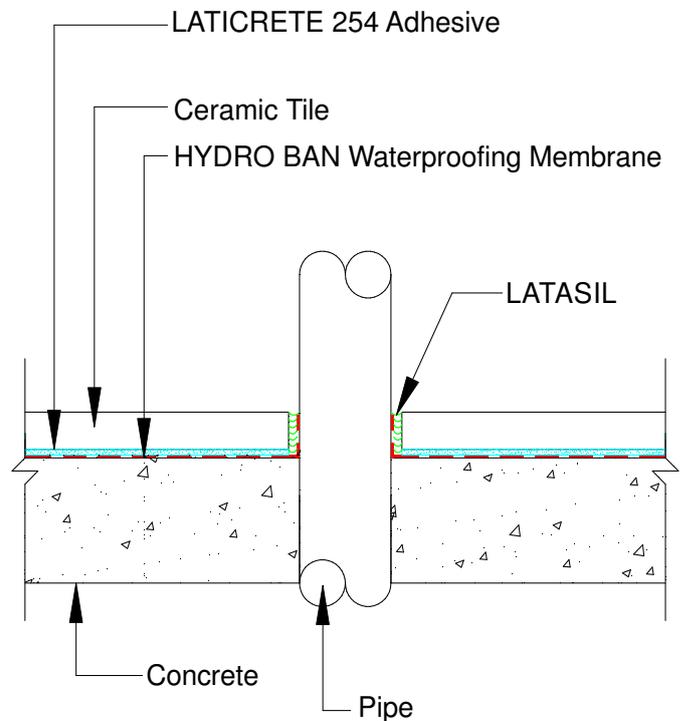
Detail 3 - Exterior Transition Fillet



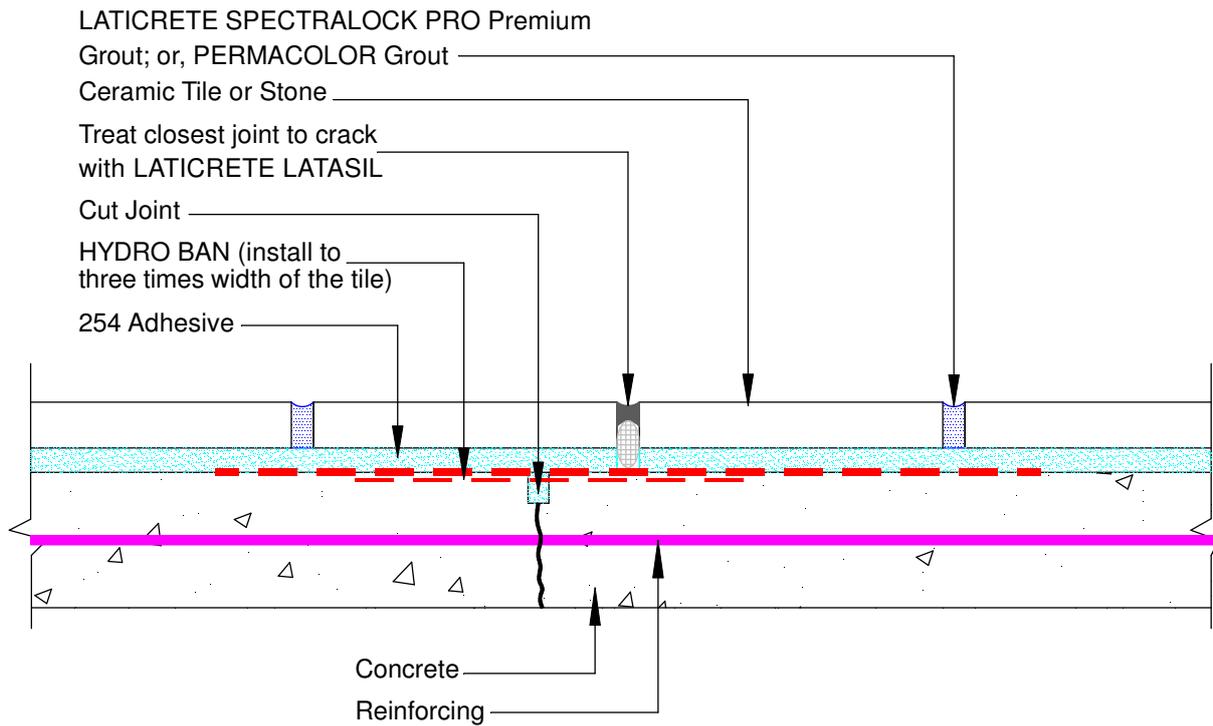
Detail 4 - Leak Control Flange



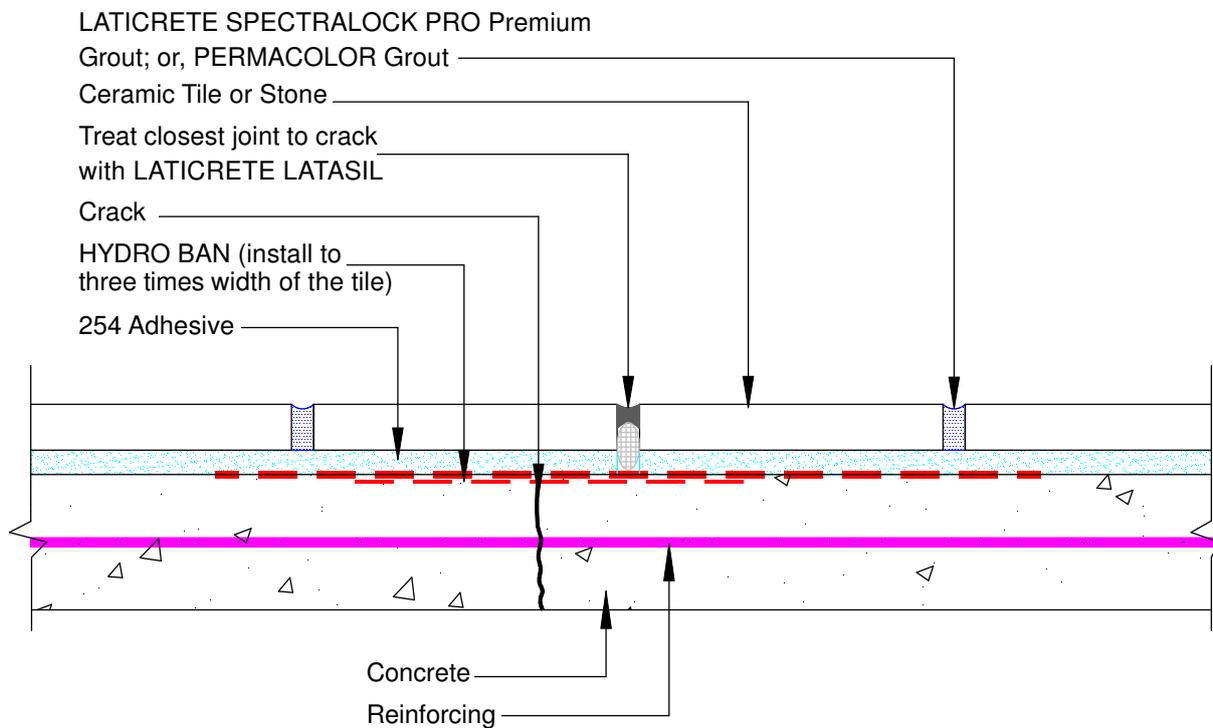
Detail 5 - Immersed Installation
Pipe Penetration



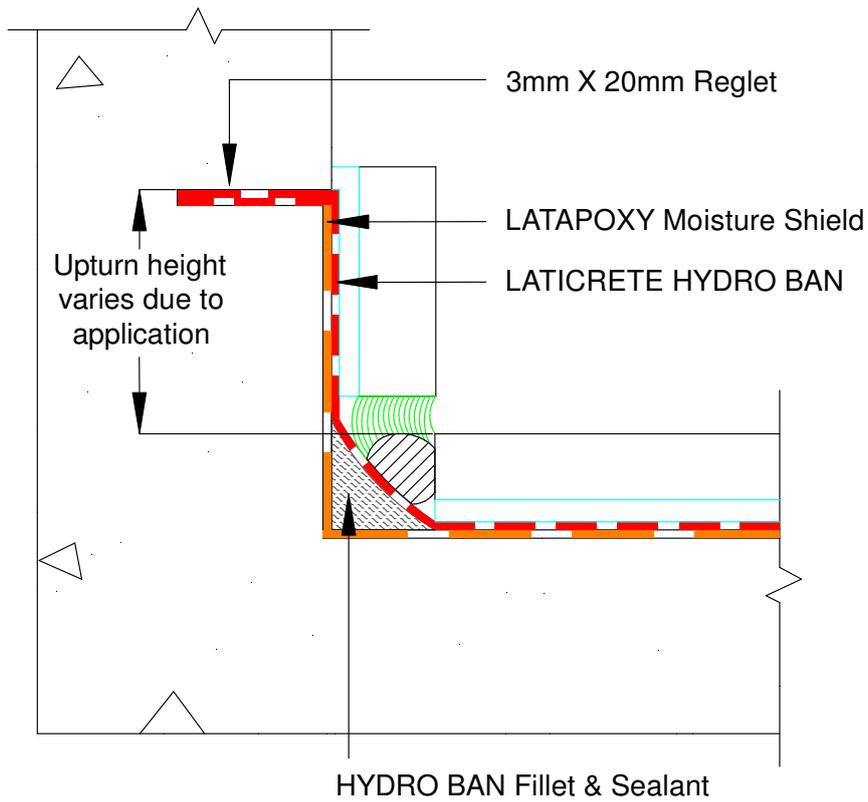
Detail 6 - Pipe Penetration



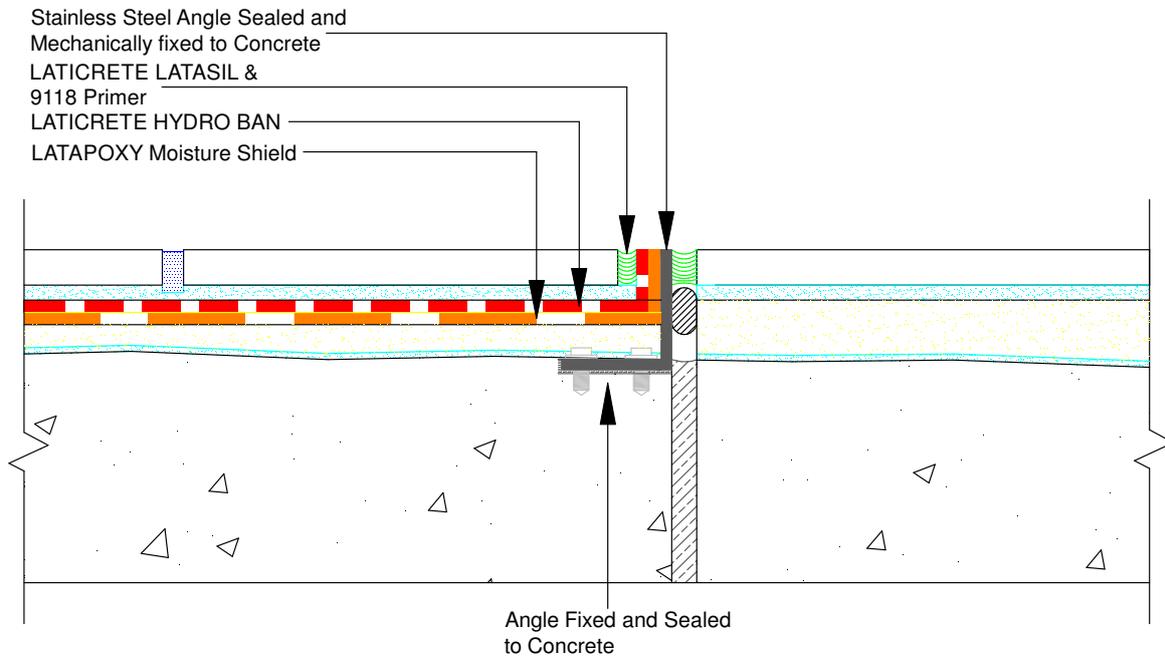
**Detail 7 - Crack Isolation -
Sawn Control Joint**



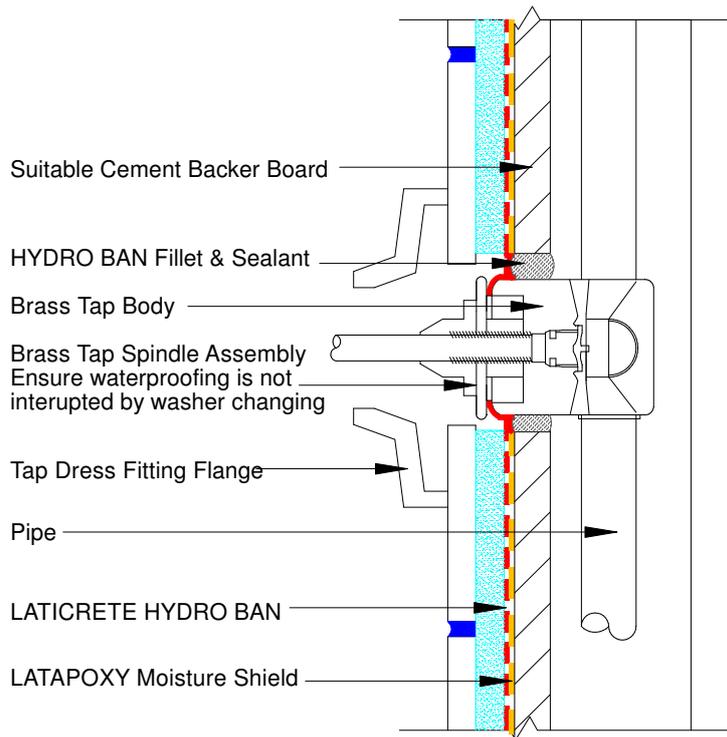
**Detail 8 - Crack Isolation - Partial
Coverage**



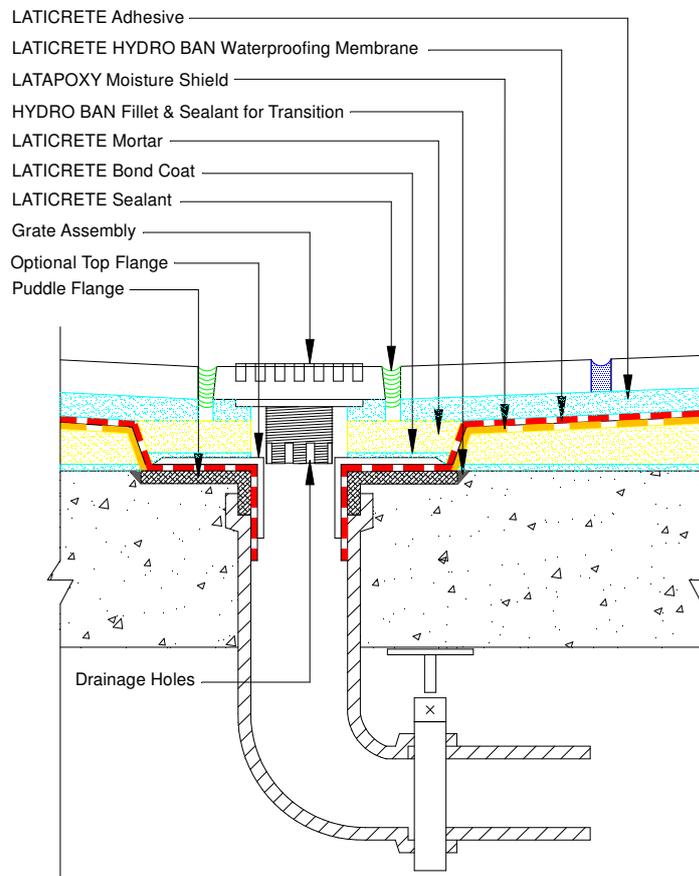
**Detail 9 - HYDRO BAN[®] Termination
- Reglet**



**Detail 10 - HYDRO BAN[®] Termination -
Steel Angle**

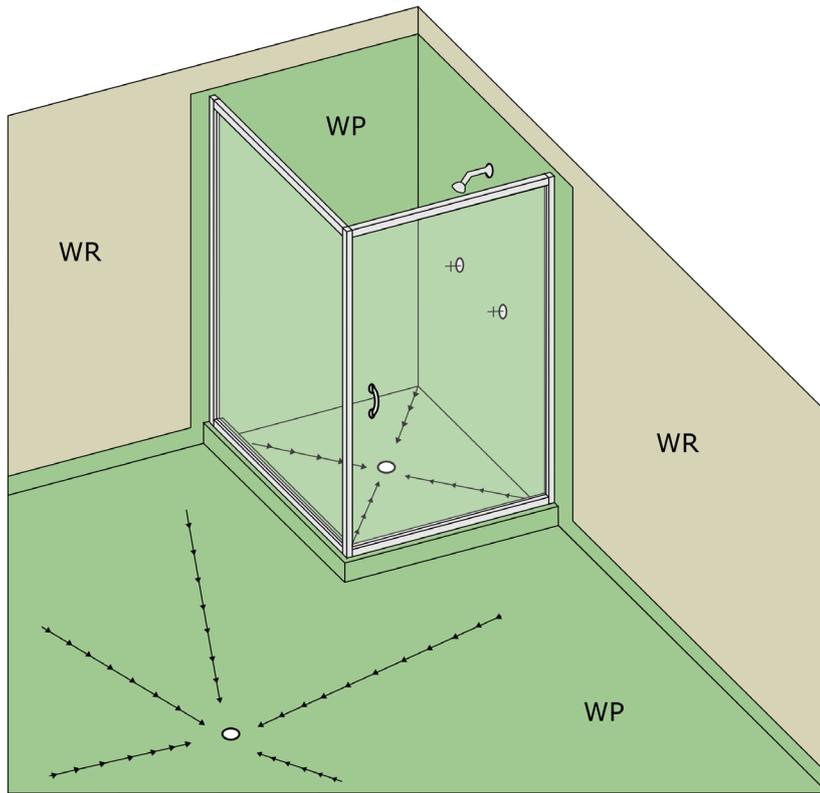


**Detail 11 - HYDRO BAN® Termination
- Around Shower Tap**



**Detail 12 - HYDRO BAN® Termination
- Drainage Pipe**

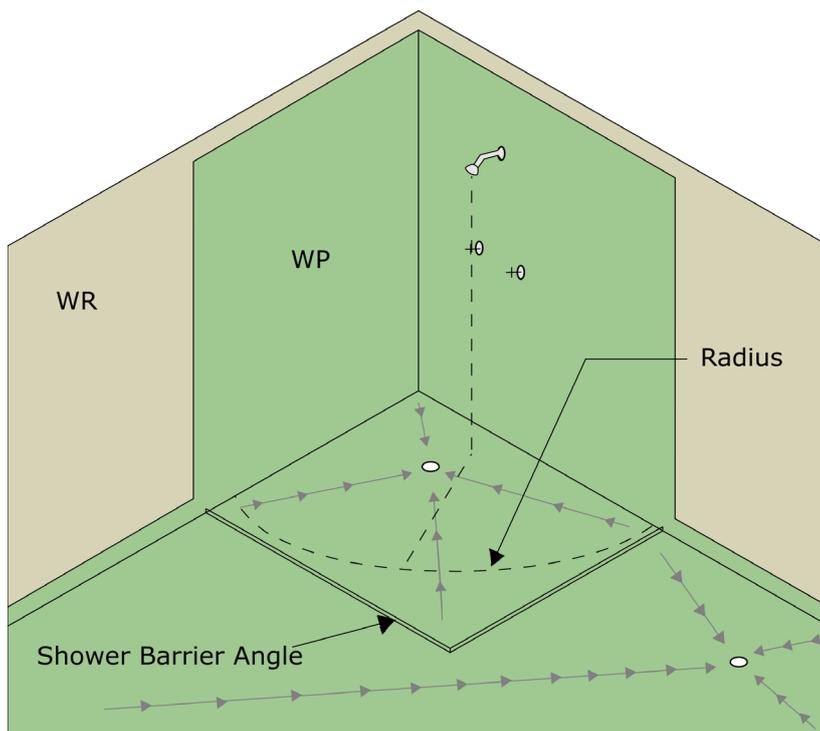
Suggested Extent of Works Details:



Detail 13 - HYDRO BAN® to enclosed shower wet area.

Installation compliant with good trade practice, the New Zealand Building Code of Compliance (NZBCC) Moisture E - Internal Moisture E3 Clause, Stability B - Durability B2 Clause and the Internal Wet-Area Membrane (IWAM) Code of Practice.

Minimum Continuous fall of floor to waste must be 1:50

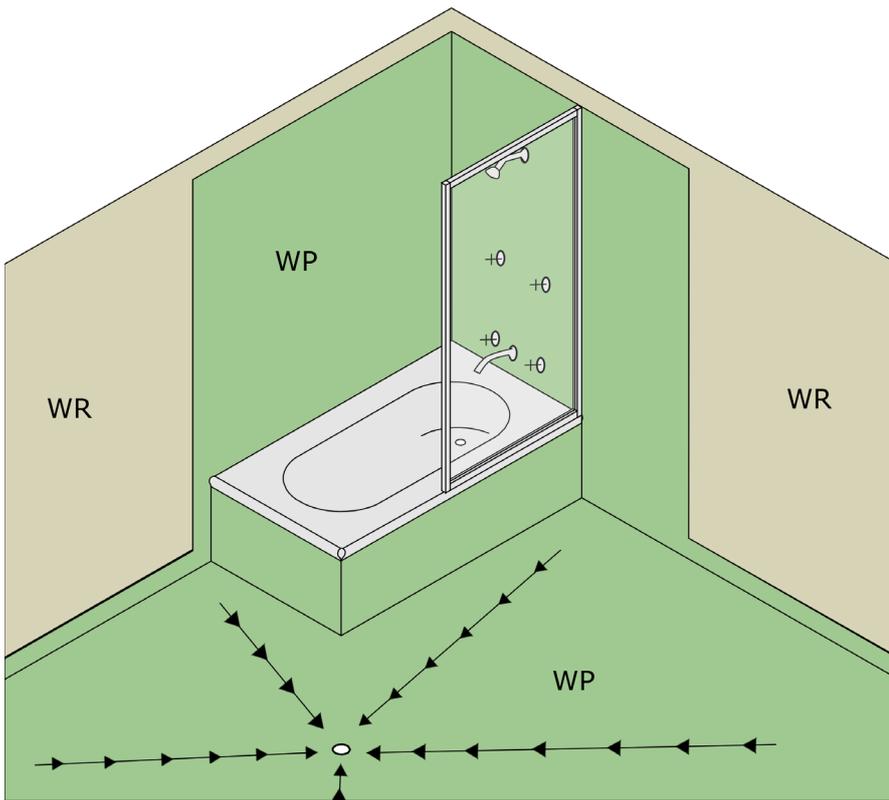


Detail 14 - HYDRO BAN® to unenclosed wet area shower

Unenclosed shower shown with shower barrier angle at 1.5m or greater from the shower rose

Unenclosed bathroom includes waterstop out of shot, whole room treated as wet area.

Shower barrier angle to finish flush with final floor finish prior to installing frameless glass screens

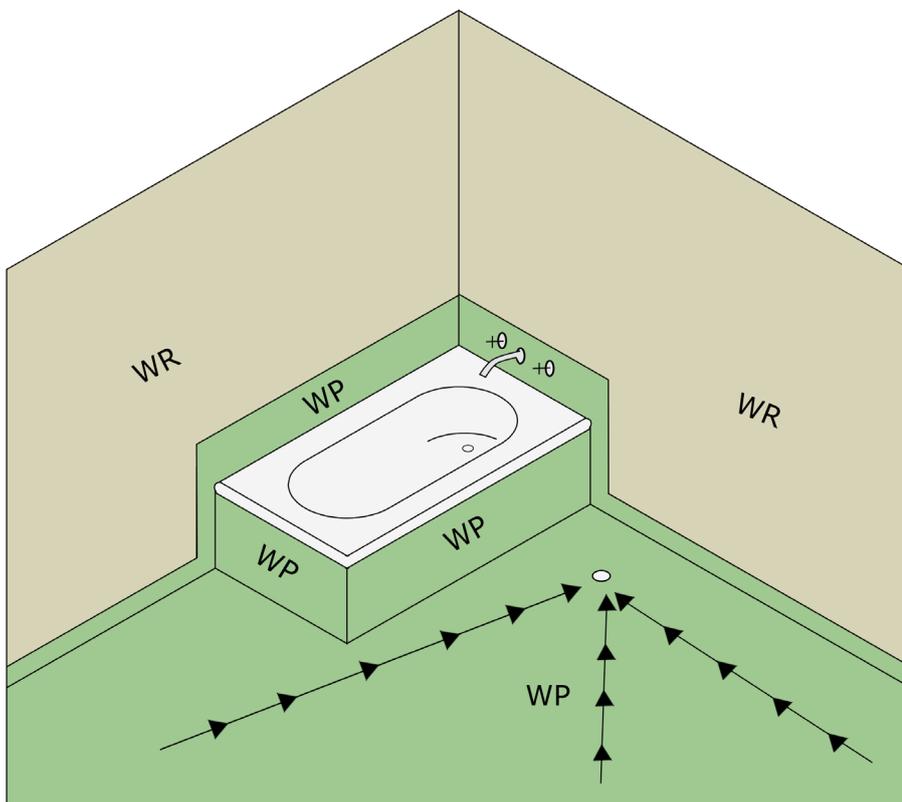


Detail 15 - HYDRO BAN® to unenclosed wet area shower over bath.

Whole floor is treated as a wet area with falls to outlet

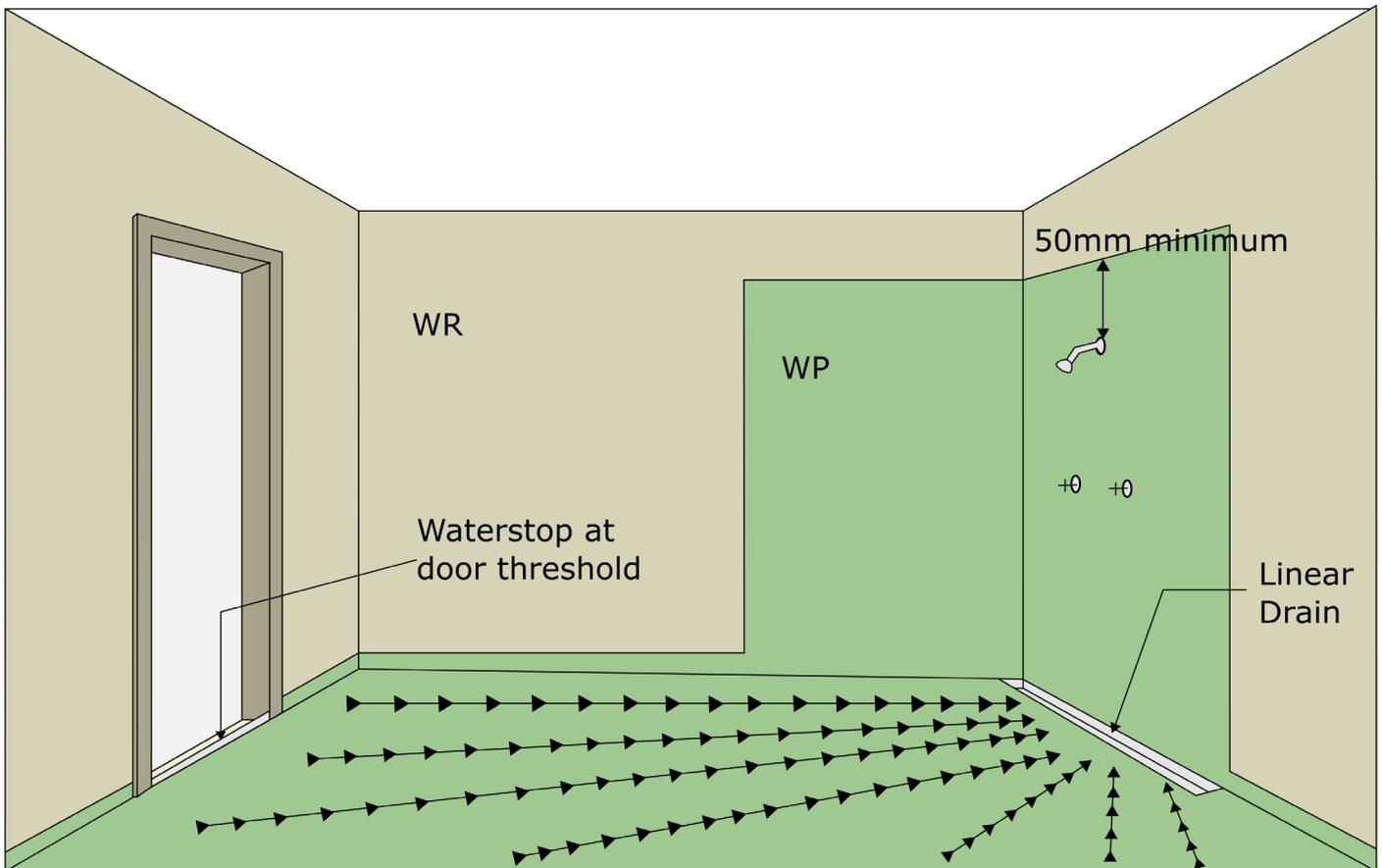
Wall opposite shower screen to be waterproofed at a minimum of 1.5m from shower rose

Shower barrier angle at door out of shot.



Detail 16 - HYDRO BAN® to bath.

Detail displayed is as per minimum requirement of New Zealand Building Code of Compliance (NZBCC) - Code of Practice for Internal Wet Area Membrane Systems and the New Zealand Waterproofing Membrane Association (WMAI)



Detail 17 - HYDRO BAN® to unenclosed wet area shower where large format tiles are used.

Wall to be waterproofed 1.5m away from the shower rose

13. TILE AND STONE INSTALLATION:

Suitable LATICRETE® Adhesives are as follows –

- 254 PLATINUM™ Adhesive Standard and Rapid Set
- 4XLT Adhesive Standard and Rapid Set
- 257 TITANIUM™ Adhesive
- 335 Adhesive
- 335 LITE Adhesive
- ULTRA X8 Adhesive
- LATAFLEX Gold Adhesive
- LATAPOXY 300 Adhesive

14. WARRANTIES:

It is a condition of the New Zealand Building Code to warrant under- tile wet area waterproofing for 15 years.

However LATICRETE offer a very unique Warranty system compared to their competition. Following is a guide on how to achieve and Guarantee your Installation for up to a Lifetime using a complete system from LATICRETE.

15. PRODUCER STATEMENT:

This document needs to be completed by a LATICRETE® Approved Applicator and should clearly show the following:-

- Details of the job i.e. address, job number, client's full name, builder's full name and other details relevant to the job.
- Details of the area waterproofed i.e. bathroom, deck etc.
- Details of the products used i.e. LATICRETE HYDRO BAN® Waterproofing and Crack Isolation Membrane.
- A statement that the work has been completed in accordance with the manufacturer's recommendations and to NZBC requirements.
- A copy of the manufacturer's product warranty.
- It should be signed by the applicator and include the applicators LATICRETE HYDRO BAN Approved Applicator registration number.