

Sealing concept wedi Australia



Relevant standards

NCC 2019



AS 3740 – Waterproofing in domestic wet areas

“The objective of this Standard is to set out the criteria for waterproofing wet areas within domestic buildings. It gives minimum requirements for materials, designs and installations. The objective of this revision is to bring this Standard in line with the current waterproofing practices in the building industry.

This Standard applies to wet areas in Class 1, Class 2 and Class 4 buildings as defined in the BCA. It also applies to wet areas within other buildings with a similar level of use including sole-occupancy units within a Class 3 building.”

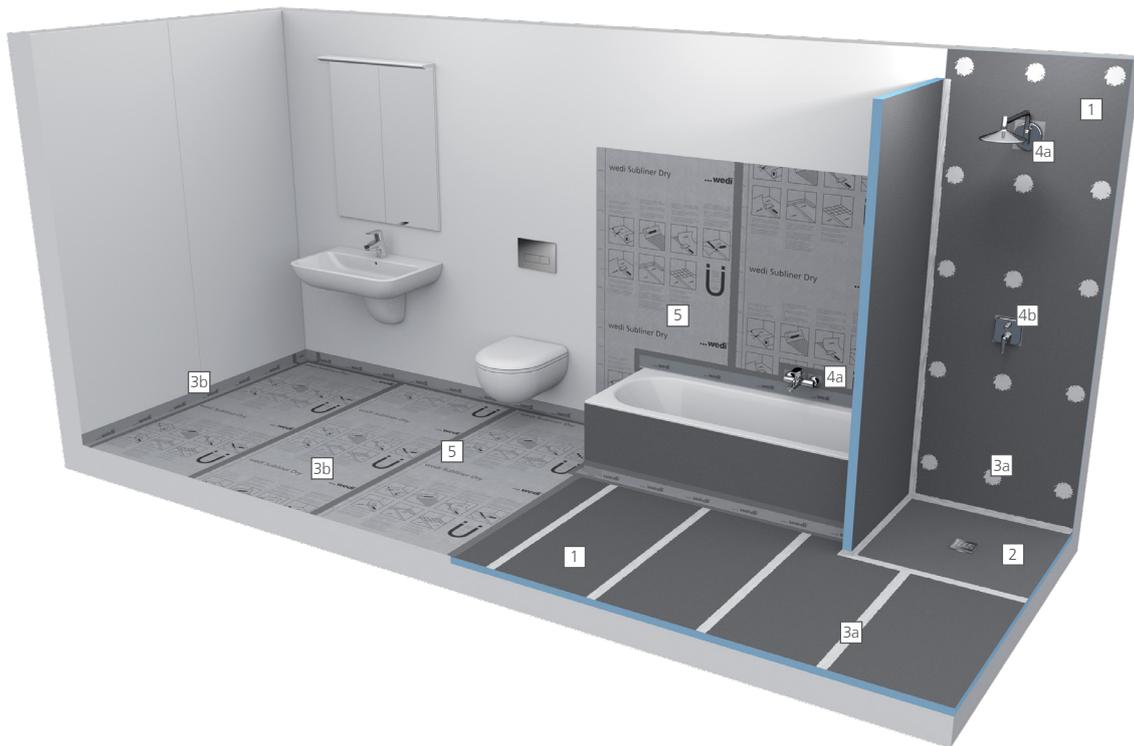
Area of application

This Standard sets out minimum requirements for the materials, design and installation of waterproofing for domestic wet areas.

The Standard does not cover situations where flooding of the wet areas occurs through overflowing of vessels and showers or plumbing failures and excludes concrete admixtures, penetrant sealers, or similar and decorative coatings.

AS /NZS 4858 – Wet area membranes

This Standard sets out the performance and general test requirements for waterproof membranes as defined in AS 3740.



wedi products

- 1** [wedi building board \(alternatively wedi Subliner Dry \[5\]\)](#)

 - Applied with screws and fasteners (sealed with wedi 610 Adhesive Sealant [3a])
 - Penetrations for pipes and mixing valves should be sealed according to [4]

- 2** [wedi Fundo Shower Base](#)

 - Junction between the Fundo element and the wall sealing should be sealed with wedi 610 Adhesive Sealant [3a]

- 3a** [wedi 610 Adhesive Sealant](#)

 - Apply a bead of wedi 610 Adhesive Sealant between two wedi Products and push them firmly together
 - Apply a second bead of wedi 610 Adhesive Sealant on the seam and use a putty knife in order to scrape the Adhesive Sealant flat so that you will receive a minimum coverage of 20 mm on each of the two seams
 - Apply a bead of wedi 610 Adhesive Sealant on all the fastener heads
 - Smooth off the 610 Adhesive Sealant with a flat putty knife to ensure that all fasteners are completely covered

- 3b** [wedi Sealing Tape and wedi 620 Sealant](#)

 - Apply a bead of wedi 620 Sealant right on the joint/junction, smooth off with a putty knife and firmly apply the sealing tape into the 620 Sealant. Smooth the ooze out sealant with a putty knife

- 4a** [wedi Flexi Collar](#)

 - Use for pipes or surface-mounted fittings

- 4b** [wedi Mixing Valve Flexi Collar](#)

 - Use for mixing valves

- 5** [wedi Subliner Dry \(alternatively wedi building board \[1\]\)](#)

 - Applied with the appropriate tile adhesive
 - Penetrations for pipes and mixing valves should be sealed according to [4]



Relevant application information

For simple and safe installation

For a safe installation, it is recommended to follow the application guidelines before and during the assembly. These are enclosed with every wedi product and the Technical Data Sheets will be found on the website www.wedi.com.au

Use the wedi 610 Adhesive Sealant in between two joints to connect two boards together. In wet areas, use a second beat of the wedi 610 Adhesive Sealant on top of the seam so that a minimum of 20 mm of the sealant is showing on both sides of the seam.

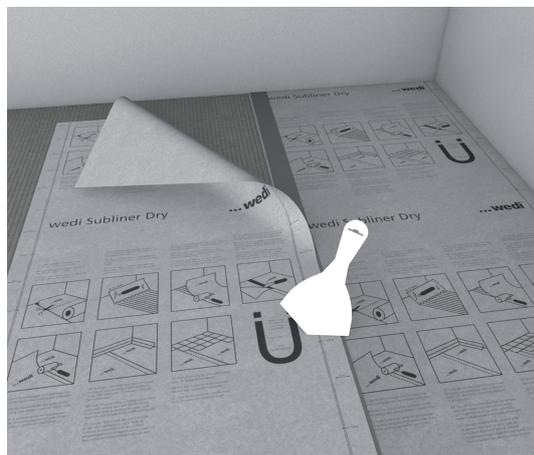
Recommendation: Use wedi 610 Adhesive Sealant on both sides of the joint to avoid leakages. Push the two boards together and smooth the emerging material with a putty knife.



Butt joints are sealed with wedi 610 Adhesive Sealant

As an alternative to the wedi building board, the wedi Subliner Dry sealing membrane can also be used. The joints of the individual membranes can be either butt joined or overlapping. The waterproofing is carried out either with wedi Tools sealing tape and wedi 620 Sealant or only with wedi 620 Sealant.

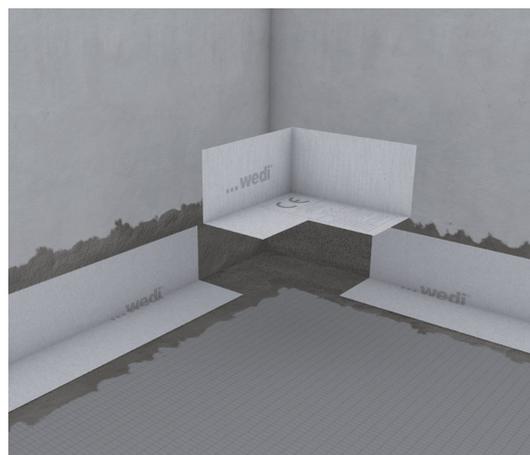
Recommendation: To be faster it is recommended to overlap the joints and seal them with wedi 620 Sealant.



Application of the wedi Subliner Dry sealing membrane

At transitions between floor and wall, the system-compliant wedi sealing tape and inside and outside corners are applied to the substrate and/or the wedi building board / wedi Subliner Dry with wedi 620 Sealant.

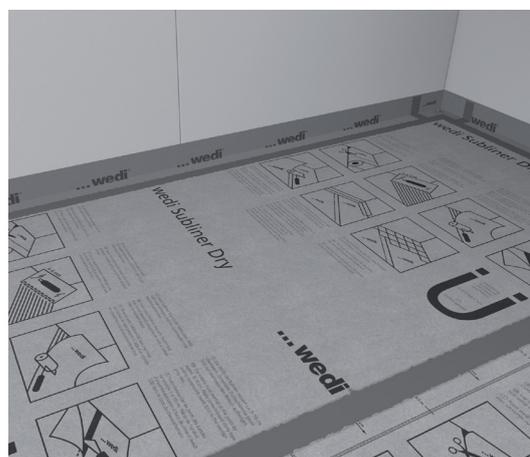
Recommendation: [wedi Tools sealing tape](#) and [wedi sealing corners](#)



Sealing of corner joints with wedi Tools sealing corners and wedi Tools sealing tape

Perimeter flashing to wall/floor surfaces shall be continuously sealed to the horizontal surface and have a vertical leg of a minimum of 25 mm above the finished floor level, except across doorways, and the horizontal leg shall be a minimum width of 50 mm.

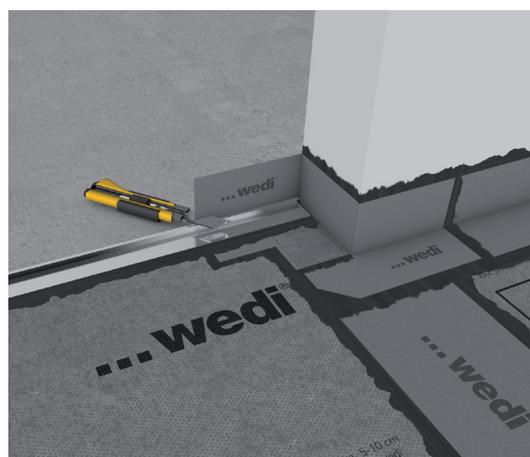
Recommendation: [wedi Tools sealing tape](#) and [wedi 620 Sealant](#)



Connection between wall and floor surface

Where the bottom of doorjamb and architraves do not finish above the floor tiling, the portion of the doorframes and architraves below the floor tiling shall be waterproofed to provide a continuous seal between the perimeter flashing and the water stop. Where possible, the doorjamb and architraves should be installed above the floor tiling.

Recommendation: [wedi Tools sealing tape](#), [wedi 620 Sealant](#) and a solid metal angle as a water stop



Sealing of the bathroom door

Vertical flashing may be external or internal and shall terminate a minimum of 1800 mm, above the finished floor level or to the height of the wall, whichever is the lesser.

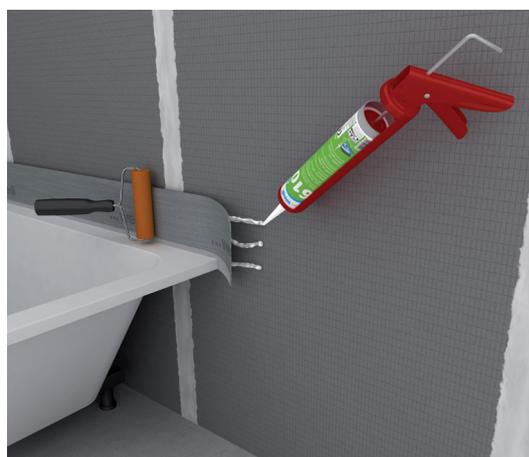
Recommendation: Apply and waterproof the entire shower walls and behind the bath



Sealing of the shower walls and behind the bath

The area under and behind a bath must be protected either by continuing the saealing or by applying tub sealing tape or similar. Silicone joints at the edge of bathtubs are not a durable sealant.

Recommendation: wedi Tools Butyl tub sealing tape or wedi Subliner Dry as continuation of the sealing under the tub



Connect the bathtub rim to the sealing layer

Penetrations through wedi building boards or the wedi Subliner Dry waterproofing membranes, for pipes or fittings should be sealed with the appropriate wedi sealing collar. The collars should be bonded and sealed with wedi 610 Adhesive Sealant.

Recommendation: wedi Flexi Collar or wedi Mixing Valve Flexi Collar



Sealing of corner joints with wedi Tools sealing tape and wedi Tools sealing corners



Did you know?

Great quality installation results depend on not only having great products to use – the Know-How and Experience in how to use them is key too. We have trained a variety of installers around the country and now they fully know and appreciate what they can achieve with wedi.

This educational service is offered to all professional contractors of all trades and wedi's local Technical Sales Support Managers come out on site and install with you when you do your first wedi shower installation. Your peace of mind – at no charge. Just a call away!

wedi has been the first and only XPS foam shower system that achieved the CodeMark certification in Australia and New Zealand, which guarantees you a non-contestable compliance and mandatory approval.

The CodeMark provides mandatory acceptance by building control authorities, which other forms of evidence, such as product opinion and appraisals do not have. It shows a clear demonstration that the wedi products, as a full system, meets the mandatory compliance requirements of Australia and New Zealand.

wedi-quality and performance certified by:



Be sure to ask for:



wedi Australia & New Zealand

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