

AUSSIE Mate 580-AL – Repair Guidelines

AVM's Aussie Skin 550/560 is a UV stable, heavy duty below grade bituminous sheet waterproofing membrane and methane barrier with aluminum facer. It comes in both 60 mil and 80 mil sheets. The membrane primarily is installed in post applied applications such as below grade foundation walls and plaza decks above grade. Aussie Mate 580-AL can be installed underneath concrete slabs for **methane/VOC** applications as well.

Because the membranes are installed in primarily post applied applications, the risk of damage prior to backfill/overburden coverage is typically minimal but can still occur without precaution. When there is underslab installation for methane/VOC applications the risk of damage is enhanced but can still be mitigated. Proper site preparation, communication between the construction team, and protecting the waterproofing contractor's work all contribute to successful installation of the Aussie Mate 580-AL membrane. In the event that the membrane is damaged, the below guideline can be followed to ensure the membrane is repaired properly prior to coverage.

When to Repair

Designed with excellent adhesive properties, AVM's Aussie Mate 580-AL membrane will adhere to the post concrete surface. Once the membrane is installed, it can be subjected to typical construction activity/traffic prior to backfill/overburden coverage without requiring repairs in most circumstances. There is always risk, however, that construction traffic/activity can result in damage to the membrane which will require repairs prior to coverage for the system to properly work. These necessary repairs often depend on the degree of damage that has occurred to the membrane and whether the installation sits in the water table (hydrostatic is present). Common causes of damage can be:

- Careless placement or movement of rebar or reinforcing over the membrane (during methane/VOC) applications
- Construction foot traffic and careless placement of backfill
- Construction materials placed/dropped onto the membrane (steel, sharp tools, adhesives/chemicals, etc.)

Be aware of when these activities take place and be sure to check the membrane for any gashes, slices, punctures, tears, corrosion, etc. If any of the above is noted, the membrane will need to be repaired.

Repair Procedures

Slice in the membrane

- Wipe away any dirt or debris
- Install a patch of Aussie Mate 580-AL over the slice that extends a minimum of 2.5" in all directions
 - If patch above is not adhering to sliced area, AVM Adhesive 501 can be placed prior to patch

Punctures, nail holes, damage, a cutout area from a misplaced penetration, etc. (non-water table)

- Cut out and remove any loose or unadhered damaged material
- Wipe away any dirt or debris
- Install a patch of Aussie Mate 580-AL over the slice that extends a minimum of 2.5" in all directions
 - If patch above is not adhering to sliced area, AVM Adhesive 501 can be placed prior to patch

Punctures, nail holes, damage, a cutout area from a misplaced penetration, etc. (water table)

- Cut out and remove any loose or unadhered damaged material
- Wipe away any dirt or debris
- Install a patch of Aussie Mate 580-AL over the slice that extends a minimum of 2.5" in all directions
 - If patch above is not adhering to sliced area, AVM Adhesive 501 can be placed prior to patch
- Place 1" tooled bead of Aussie Seal M around the entire perimeter edge of patch

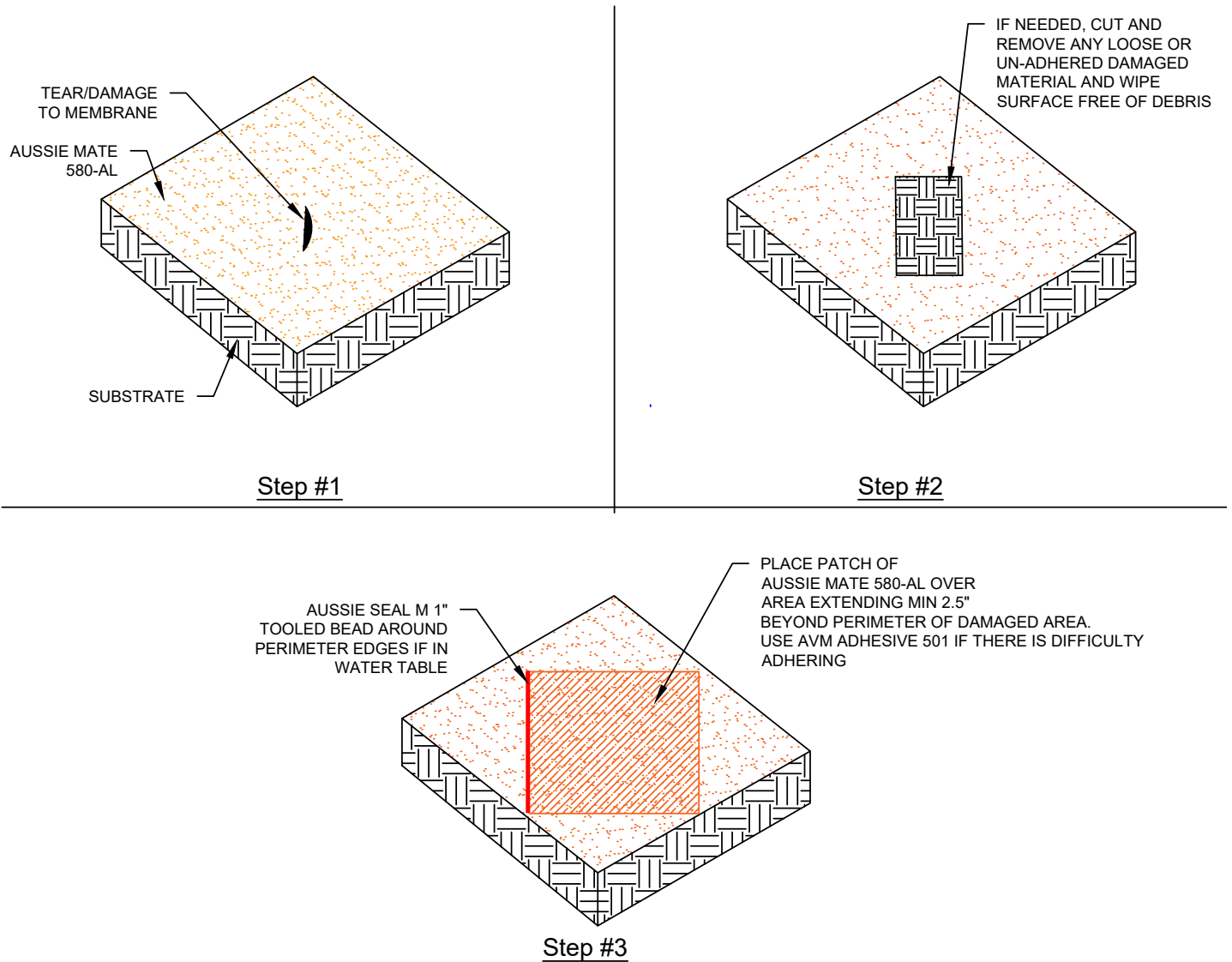
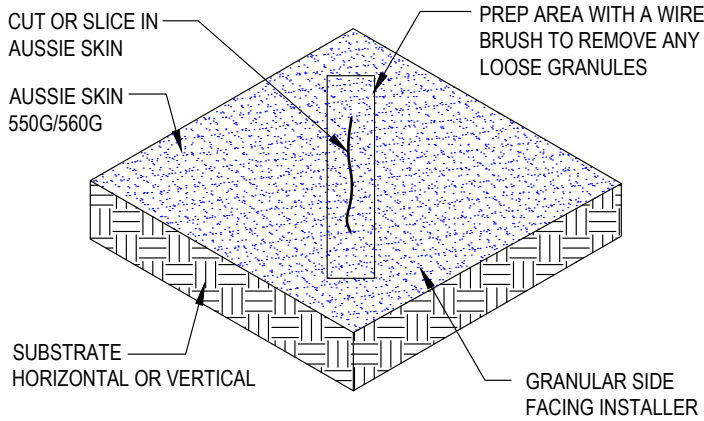


Figure 1 - Repair Procedure for Aussie Mate 580-AL

For additional or specific questions regarding Aussie Mate repairs, please consult your local AVM Sales Representative or the Technical Services department at: **888.414.1041** or **818.888.0050**.

CUTS & SLICES - STEP 1



CUTS & SLICES - STEP 2

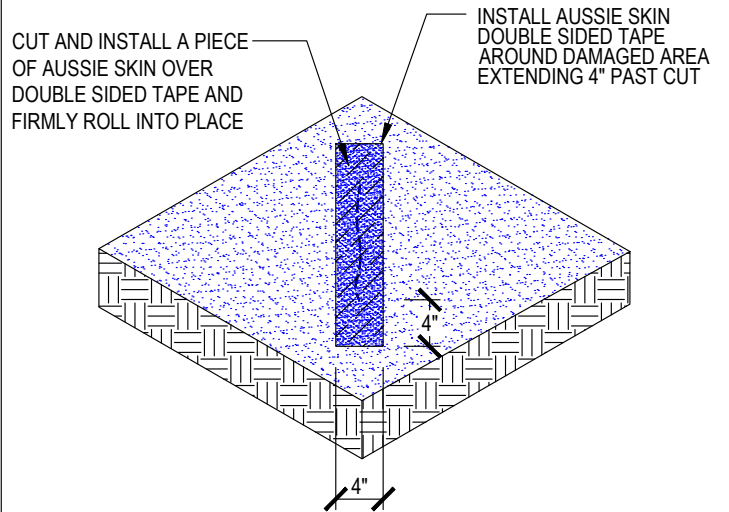
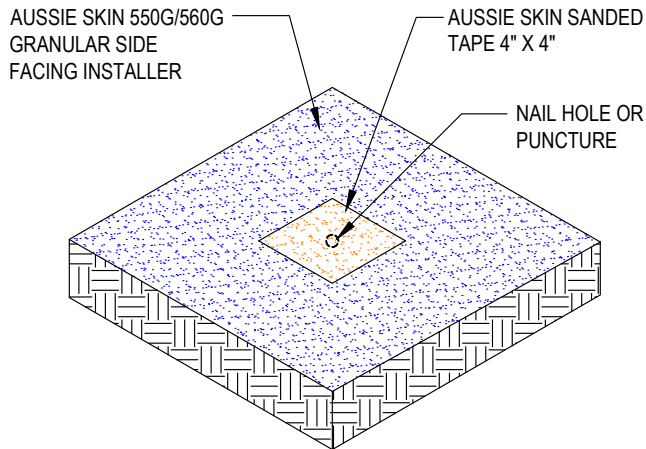


Figure 2 - Repairs to Cuts & Slices

PUNCTURES - NON-WATER TABLE



PUNCTURES - WATER TABLE OR UNDER-SLAB

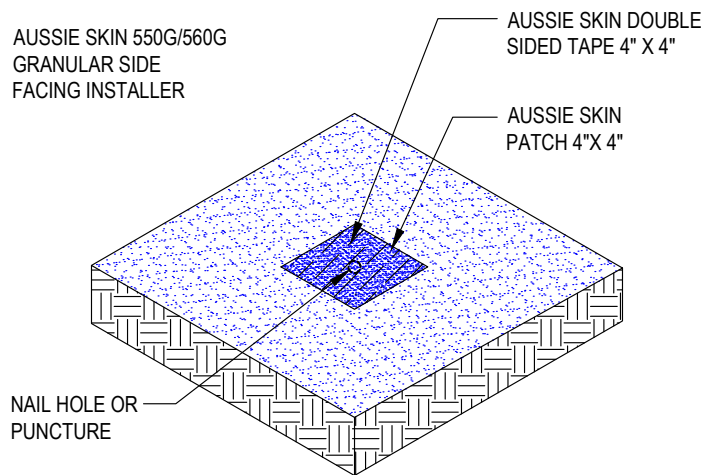


Figure 3 - Puncture Damage in Non-Water Table & Water Table Applications

For additional or specific questions regarding pre-hydration of the Aussie Clay 590, please consult your local AVM Sales Representative or the Technical Services department at: 888.414.1041 or 818.888.0050.