Retaining Walls
Slab on Grade at Top of Footing
AVM System 520 Aussie Membrane
Fluid Applied Waterproofing

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Some installations and warranties require thicker installations and/or fabric reinforcement. Consult AVM for details.
4. Contact AVM if no drain board or protection board is specified.
5. AVM’s “bottom drain 12” may be accepted in lieu of the perforated drainage pipe (French drain.) Check local building codes for approval.
6. Exposed top of footing is more than 3”.
7. Inside corner (wall-to-footing) shown with water stop
Retaining Walls
Slab on Grade at Top of Footing
AVM System 520 Aussie Membrane
Fluid Applied Waterproofing

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified
4. AVM’s “bottom drain 12” may be accepted in lieu of the perforated drainage pipe (French drain.) Check local building codes for approval.
5. Inside corner (wall-to-footing) shown with Aussie Membrane corner detail.

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FILE NAME: 0520-0004-C-Retaining-Walls-Slab-On-Grade-At-Top-Of-Footing-CS.dwg
Revision Date: 3/26/2019
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Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified
4. AVM’s “bottom drain 12” may be accepted in lieu of the perforated drainage pipe (French drain.) Check local building codes for approval.
5. Exposed top of footing is less than 3’.
6. Inside corner (wall-to-footing) shown with water stop.
Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified
4. AVM’s “bottom drain 12” may be accepted in lieu of the perforated drainage pipe (French drain.) Check local building codes for approval.
5. Inside corner (wall-to-footing) shown with water stop
Planter Basic Detail
AVM System 520 Aussie Membrane
Fluid Applied Waterproofing

Notes:
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2. Epoxy primer may be required if proper adhesion is not achieved.
3. Some installations and warranties require thicker installations and/or fabric reinforcement. Consult AVM for details.
4. Contact AVM if no drain board or protection board is specified.
5. Planters must have sufficient slope, sufficient drains and proper drainage systems to effectively evacuate excessive water.
6. All corners require fabric reinforced detail coat. All inside corners also require min 2"x2" mortar or 1/4" sealant (Aussie Seal M) cant strip prior to installing the detail coat.
7. In planters, a root barrier may be required. Consult with Landscape Architect or contact AVM for details.
Topping Slab on Concrete Substrate over AVM System 520 Aussie Membrane
Fluid Applied Waterproofing

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified.
4. Topping slabs for pedestrian traffic use AVM Drain Board 6000.
5. Topping slabs for vehicular traffic use AVM Drain Board 9000.
Topping Slab on Concrete Substrate over
AVM System 520 Aussie Membrane
with Drain Board, Fluid Applied Waterproofing
(120 mil system with primer and reinforcement)

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. For drainage/protection - use AVM Drain Board 6000. For topping slabs over 4" thick or vehicular applications, use AVM Drain Board 9000
4. This assembly is for pedestrian traffic use only. For vehicular applications and other heavy loads, contact AVM for approval.
5. Substrates must be sloped to drains and/or edges before membrane installation. (Min 1/4" per foot)
6. If water is to drain over the edge, then edge metals (if used) MUST have sufficient weep holes (at least every 6") and must be strong enough (thick enough) to act as a concrete form.
7. When drainage is over the edges, edge assemblies must allow for proper water evacuation. (None should trap water) Consult AVM for details.
8. Reinforce the Aussie Membrane with AVM Mat 800 at all corners, metal transitions, penetrations, gaps, drains, etc.
Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. For drainage/protection - use AVM Drain Board 6000. For topping slabs over 4" thick or vehicular applications, use AVM Drain Board 9000
4. This assembly is for pedestrian traffic use only. For vehicular applications and other heavy loads, contact AVM for approval.
5. Substrates must be sloped to drains and/or edges before membrane installation. (Min 1/4" per foot)
6. If water is to drain over the edge, then edge metals (if used) MUST have sufficient weep holes (at least every 6") and must be strong enough (thick enough) to act as a concrete form.
7. When drainage is over the edges, edge assemblies must allow for proper water evacuation. (None should trap water) Consult AVM for details.
8. Reinforce the Aussie Membrane with AVM Mat 800 at all corners, metal transitions, penetrations, gaps, drains, etc.
Other Edge and Drain Details
Topping Slabs Waterproofing on Concrete Substrates
AVM System 520 Aussie Membrane
Fluid Applied Waterproofing
(120 mil system with primer and reinforcement)

Slope Away from Edge Detail with Edge Metals

Slope Away from Edge Detail without Edge Metals

Drain Detail on Concrete

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. See drawing and notes on detail number AVM-520-2002-C for more information.
4. If water is to drain away from the edge into area floor drains, then edge metals do not require weep holes.
5. Reinforce the Aussie Membrane with AVM Mat 800 at all corners, metal transitions, penetrations, gaps, drains, etc.
6. A 2-part concrete drain with a bowl and a flange and built-in weep holes should be used. (Consult AVM for proper drain selection)

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Revision Date: 3/26/2019
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Other Edge and Drain Details
Topping Slabs Waterproofing on Concrete Substrates
AVM System 520 Aussie Membrane
Fluid Applied Waterproofing
(90 mil system with primer and reinforcement)

Table of Contents:
- Topping slab
- Concrete
- Tilt Bar

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. See drawing and notes on detail number AVM-520-2002-C for more information.
4. If water is to drain away from the edge into area floor drains, then edge metals do not require weep holes.
5. Reinforce the Aussie Membrane with AVM Mat 800 at all corners, metal transitions, penetrations, gaps, drains, etc.
6. A 2-part concrete drain with a bowl and a flange and built-in weep holes should be used. (Consult AVM for proper drain selection)

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Topping Slab on Plywood Substrate over
AVM System 520 Aussie Membrane
with Drain Board & Thin Crete Base,
Fluid Applied Waterproofing
Concrete Under Metals
(120 mil system with primer and reinforcement)

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Crete 6400/6460. Refer to the Crete 6400 or Crete 6460 Spec Sheets or Installation Instructions for more information
4. For drainage/protection - use AVM Drain Board 6000. For topping slabs over 4" thick or vehicular applications, use AVM Drain Board 9000.
5. This assembly is for pedestrian traffic use only. For vehicular applications and other heavy loads, contact AVM for approval.
6. For extra protection, use 1/8" or 1/4" thick rigid protection board below the drain board.
7. Substrates must be sloped to drains and/or edges before membrane installation. (Min 1/4" per foot)
8. If water is to drain over the edge, then edge metals MUST have sufficient weep holes (at least every 6") and must be strong enough (thick enough) to act as a concrete form.
9. When drainage is over the edges, edge assemblies must allow for proper water evacuation. (None should trap water) Consult AVM for details.
10. Reinforce the Aussie Membrane with AVM Mat 800 at all corners, metal transitions, penetrations, gaps, drains, etc.
Topping Slab on Plywood Substrate over AVM System 520 Aussie Membrane with Drain Board & Thin Crete Base, Fluid Applied Waterproofing Concrete Under Metals (90 mil system with primer and reinforcement)

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Crete 6400/6460. Refer to the Crete 6400 or Crete 6460 Spec Sheets or Installation Instructions for more information.
4. For drainage/protection - use AVM Drain Board 6000. For topping slabs over 4" thick or vehicular applications, use AVM Drain Board 9000.
5. This assembly is for pedestrian traffic use only. For vehicular applications and other heavy loads, contact AVM for approval.
6. For extra protection, use 1/8" or 1/4" thick rigid protection board below the drain board.
7. Substrates must be sloped to drains and/or edges before membrane installation. (Min 1/4" per foot)
8. If water is to drain over the edge, then edge metals MUST have sufficient weep holes (at least every 6") and must be strong enough (thick enough) to act as a concrete form.
9. When drainage is over the edges, edge assemblies must allow for proper water evacuation. (None should trap water) Consult AVM for details.
10. Reinforce the Aussie Membrane with AVM Mat 800 at all corners, metal transitions, penetrations, gaps, drains, etc.
Other Edge and Drain Details
Topping Slabs Waterproofing on
Plywood Substrates

AVM System 520 Aussie Membrane
Fluid Applied Waterproofing
(120 mil system with primer and reinforcement)

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. See drawing and notes on detail number AVM-520-2502-P for more information.
4. If water is to drain away from the edge into area floor drains, then edge metals do not require weep holes.
5. Reinforce the Aussie Membrane with AVM Mat 800 at all corners, metal transitions, penetrations, gaps, drains, etc.
6. Topping slabs for pedestrian traffic use AVM Drain Board 6000
7. Topping slabs above 4" thick or for vehicular traffic use AVM Drain Board 9000

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FILE NAME: 0520-2572-P-Topping-Slab-On-Plywood-Drains-Edges-HD-CS
Revision Date: 3/26/2019
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Other Edge and Drain Details
Topping Slabs Waterproofing on Plywood Substrates
AVM System 520 Aussie Membrane
Fluid Applied Waterproofing
(90 mil system with primer and reinforcement)

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. See drawing and notes on detail number AVM-520-2502-P for more information.
4. If water is to drain away from the edge into area floor drains, then edge metals do not require weep holes.
5. Reinforce the Aussie Membrane with AVM Mat 800 at all corners, metal transitions, penetrations, gaps, drains, etc.
6. Topping slabs for pedestrian traffic use AVM Drain Board 6000
7. Topping slabs above 4" thick or for vehicular traffic use AVM Drain Board 9000

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Plywood Joint Detail for Topping Slabs Waterproofing on Plywood Substrates

AVM System 520 Aussie Membrane Fluid Applied Waterproofing

Notes:
1. This detail may not be applicable or needed if installing metal lath and AVM Crete 6400 over the plywood substrates before installing the Aussie Membrane.
   (See Detail # AVM-520-2502-P)
2. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
3. Epoxy primer may be required if proper adhesion is not achieved.
4. Make sure all nails are flush with the plywood surface or slightly sunken in below it. (Nails protruding above the plywood surface may puncture the membrane)
5. Remove/grind/repair as necessary any other protrusions, sharp edges, etc that may puncture or damage the membrane.
6. Reinforce the Aussie Membrane with AVM Mat 800 as shown at all plywood joints, flashings, penetrations, etc.
7. If extra protection is needed, use double reinforcement. (two layers of Mat 800 reinforcing fabric)
Notes:
1. This detail may not be applicable or needed if installing metal lath and AVM Crete 6400 over the plywood substrates before installing the Aussie Membrane. (See Detail # AVM-520-2502-P)
2. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
3. Epoxy primer may be required if proper adhesion is not achieved.
4. Metal straps must be protected by 'Double Fabric'.
5. Make sure all nails are flush with the plywood surface or slightly sunken in below it. (Nails protruding above the plywood surface may puncture the membrane)
6. Remove/grind/repair as necessary any other protrusions, sharp edges, etc that may puncture or damage the membrane.
7. After priming the metal straps and surrounding plywood surfaces, apply a liberal coat of the Aussie Membrane before installing the first layer of fabric to ensure the strap edges and nail heads will not cut into or damage the fabric.
Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified
Terminations
AVM System 520 Aussie Membrane
Fluid Applied Waterproofing

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified.
4. When sealant is specified, use AVM Aussie Seal M (Unless specified otherwise)
**Terminations at Sidewalks on Grade**

AVM System 520 Aussie Membrane
Fluid Applied Waterproofing

**Notes:**

1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified.
Pipe Penetration Thru Wall
AVM System 520 Aussie Membrane
Fluid Applied Waterproofing

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified.
4. With sealant around pipe.
Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified.
4. With sealant around pipe.
Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
AVM System 520
Horizontal Slab Waterproofing at Deck Drain

Notes:
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2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified.
Crack Repair

AVM System 520 Aussie Membrane
Fluid Applied Waterproofing

Crack less than 1/16" wide

Protection board or drainage board
AVM Aussie Membrane 520
AVM Epoxy Primer (see notes)

Concrete

6" wide detail coat 45 ±5 mils thick
AVM 520 w/ reinforcing fabric

Saw cut 1/4" x 1/4" fill w/ polyurethane caulking

Crack greater than 1/16" wide

Notes:
1. Aussie Membrane 520 is a Polyurethane liquid (Roller or Brush Applied) for Below-Grade, Between-Slab, Planters, Roof-Gardens and similar type Waterproofing.
2. Epoxy primer may be required if proper adhesion is not achieved.
3. Contact AVM if no drain board or protection board is specified.