Concrete Topping Slab
over Structural Slab
AVM Aussie Membrane 570
Hot Rubber

Notes:
1. Aussie Membrane 570 is a Hot Rubber (Hot-Applied Asphalt-Based Composition Membrane) for Between-Slabs, Planters, Roof-Gardens and similar type Waterproofing.
2. Typical membrane is 210 mils thick with fabric reinforcement. If specified differently, contact AVM for approval.
3. Contact AVM if no drain board or protection board is specified.
4. Remove/grind/repair as necessary any protrusions, sharp edges, etc that may puncture or damage the membrane.
5. Deck-to-Wall corners must be waterproofed as shown on AVM's Details.
6. Substrates must be sloped to drains and/or edges before membrane installation. (Min 1/4" per foot) Substrates must have sufficient drains and proper drainage systems to effectively evacuate excessive water.
7. 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.
8. Many edge details are possible. All must allow for proper water evacuation. (None should trap water) Consult AVM for details.
9. Drainage board for topping Slabs up to 4" thick for pedestrian applications: Use AVM Drain Board 6000.
10. Drainage board for topping slabs over 4" thick or for vehicular applications: Use AVM Drain Board 9000.
Insulated Concrete Topping Layer over Structural Slab
AVM Aussie Membrane 570
Hot Rubber

AVM INDUSTRIES INC

DETAIL #: AVM-0570-0051-C
AVM SYSTEM 570
TYPICAL PLAZA

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File Name: 0570-0051-C-Insulated-Concrete-Topping-Layer-over-Structural-Slab
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Revision Date 05/31/2016
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9. Structural metal decks must be ventilated.
Reinforced Hot Rubber at Cold Joints
AVM Aussie Membrane 570
Hot Rubber

AVM PROTECTION COURSE

AVM FABRIC REINFORCING FABRIC

75mm MIN (3"

STRUCTURAL METAL DECK WITH RIGID DECK BOARD (PER SPEC)

BOARD EDGES TIGHTLY ABUTTED

AVM SYSTEM 570 125 MILS TOP COAT

AVM SYSTEM 570 90 MILS BASE COAT

AVM SYSTEM 570 30 MIL TACK COAT

NEOPRENE FLASHING, UNCURED
NEOPRENE MIN 150mm (6") STRIP

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9. 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)
10. Reinforce the Aussie Membrane 570 at all plywood joints, cracks, metal transitions, penetrations, drains, etc.
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**STEP 1**

Apply Tack Coat and install first layer of flashing as shown.

**STEP 2**

Apply another tack coat and install second layer of flashing as shown.

**STEP 3**

 Completely coat Neoprene flashing with AVM System 570 immediately after installation.
Deck to Wall Outside Corner Detail
AVM Aussie Membrane 570
Hot Rubber

AVM SYSTEM 570 30 ML TACK COAT
PLAZA DECK
WALL

NEOPRENE FLASHING

STEP 1
APPLY PRIMER AND INSTALL FIRST LAYER OF FLASHING AS SHOWN

AVM SYSTEM 570 30 ML TACK COAT
WALL

PLAZA DECK

NEOPRENE FLASHING

STEP 2
APPLY ANOTHER TACK COAT AND INSTALL SECOND LAYER OF FLASHING AS SHOWN

PLAZA DECK

STEP 3
COMPLETELY COAT NEOPRENE FLASHING WITH AVM SYSTEM 570 90 MIL BASE COAT IMMEDIATELY AFTER INSTALLATION
Fabric Reinforced System and Neoprene flashing Details
AVM Aussie Membrane 570
Hot Rubber
Reinforced Hot Rubber at Cold Joints
AVM Membrane 570
Hot Rubber

AVM Industries, Inc.
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Quality Waterproofing Products
888.414.1041  818.888.0050
www.avmindustries.com

FILE NAME: 0570-4201-Reinforced-Hot-Rubber-at-Cold-Joints
Revision Date 05/31/2016

DETAIL #: AVM-0570-4201
AVM SYSTEM 570
CONCRETE DECK

- WATERSTOP MINIMUM 75MM (3") COVERAGE
- NEOPRENE FLASHING CENTERED IN CORNER MIN 150mm (6") STRIP
- AVM PROTECTION COURSE
- AVM PRIMER AVM SYSTEM 570 90 MIL BASE COAT
  AVM FABRIC REINFORCEMENT AVM SYSTEM 570 125 MIL TOP COAT
- AVM SYSTEM 570 30 MIL TACK COAT
Treatment of Construction Joints
AVM Aussie Membrane 570
Hot Rubber
AVM SYSTEM 570
125 MIL TOP LAYER

AVM SYSTEM 570
90 MIL BASE COAT

CONCRETE DECK

75mm (3"

GROUT

AVM PROTECTION COURSE

AVM FABRIC REINFORCING FABRIC

NEOPRENE FLASHING

AVM SYSTEM 570 30 MIL TACK COAT

FILE NAME: 0570-4230-Precast-Joint-Treatment
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Revision Date 05/31/2016
Treatment of Cracks - 1/16" to 3/16"

AVM Aussie Membrane 570
Hot Rubber

AVM PROTECTION COURSE
AVM FABRIC REINFORCING FABRIC
AVM SYSTEM 570 30 MIL TACK COAT

CONCRETE DECK

AVM SYSTEM 570
125 MIL TOP LAYER
AVM SYSTEM 570
90 MIL BASE COAT

AVM SYSTEM 570
125 MIL TOP LAYER
AVM SYSTEM 570
90 MIL BASE COAT

1.6mm TO 5mm CRACK (1/16" TO 3/16")

75mm (3"

AVM SYSTEM 570
125 MIL TOP LAYER
AVM SYSTEM 570
90 MIL BASE COAT

75mm (3"

AVM PROTECTION COURSE
AVM FABRIC REINFORCING FABRIC
NEOPRENE FLASHING
AVM SYSTEM 570
30 MIL TACK COAT

FILE NAME: 0570-4401-Treatment-of-Cracks - 1/16" to 3/16"
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Revision Date 05/31/2016
Treatment of Cracks - 3/16" - 1/2"
AVM Aussie Membrane 570
Hot Rubber

AVM PROTECTION COURSE

AVM FABRIC REINFORCING FABRIC

CONCRETE DECK

AVM SYSTEM 570
125 MIL TOP LAYER

AVM SYSTEM 570
90 MIL BASE COAT

75mm (3")

5mm TO 12mm CRACK (3/16" TO 1/2")

NEOPRENE FLASHING

AVM SYSTEM 570
30 MIL TACK COAT
NOTE: AVM PRODUCTS ARE NOT DESIGNED TO WATERPROOF EXPANSION JOINTS. EXPANSION JOINTS REQUIRE A PROPER EXPANSION JOINT MATERIAL MANUFACTURED BY OTHERS. AVM PRODUCTS CAN BE INSTALLED OVER EXPANSION JOINT MATERIALS AS ILLUSTRATED ABOVE. CHECK WITH THE EXPANSION JOINT PRODUCT MANUFACTURER FOR MATERIAL COMPATIBILITY.

NOTE: CONSULT WITH THE EXPANSION JOINT MANUFACTURER FOR SPECIFIC INFORMATION ON THEIR PRODUCT AND INSTALLATION PROCEDURES.
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Deck to Wall Expansion Joint with Insulation
AVM Aussie Membrane 570
Hot Rubber

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AVM Aussie Membrane 570
Hot Rubber

CONCRETE DECK

AVM SYSTEM 570, 215 MIL REINFORCED SYSTEM

PAVERS ON PEDESTALS

AVM SYSTEM 570, 215 MIL REINFORCED SYSTEM

60 PSI FOAM INSULATION BOARD BOARD

AVM PROTECTION COURSE

AVM FILTER FABRIC PER PROJECT DESIGN

CONCRETE DECK

NEOPRENE FLASHING, UNCURED NEOPRENE MIN 150mm (6") STRIP

AVM SYSTEM 570
NOTE: CLEAN ALL PENETRATIONS OF DIRT, RUST AND OIL. ROUGHEN SURFACE OF PIPE BEFORE APPLYING PRIMER. VERIFY PENETRATION IS PROPERLY SECURED TO DECK OR WALL TO AVOID MOVEMENT OF PIPE.
Termination at Grade
AVM Aussie Membrane 570
Hot Rubber

**Detail #:** AVM-0570-6401

**AVM System 570**

**Foundation Wall**

**Termination at Grade**

**Above Grade Protection**

**Grade**

**Termination Bar**

Fasten 12" (300mm) OC

**AVM System 570 215 Mil Reinforced System**

**AVM Protection Course**

**Metal Flashing**

**Grade**

**Termination Bar**

Fasten 12" (300mm) OC

**AVM System 570 215 Mil Reinforced System**

**AVM Protection Course**

**AVM Drainboard**

**60 PSI Foam Insulation Board**