## Reference Guide

A reference guide for typical wall and window details (rainscreen system) shown as fibre cement cladding.

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DISCLAIMER

THE GREATEST CARE HAS BEEN TAKEN TO VERIFY ALL INFORMATION CONTAINED HEREIN. HOWEVER, EACH SITUATION IS DIFFERENT AND READERS ARE STRONGLY ADVISED NOT TO RELY SIMPLY ON THE CONTENTS OF THIS GUIDE AS IT IS NOT INTENDED TO REPLACE PROFESSIONAL ADVICE. AVIVA, ITS SUBSIDIARIES, AFFILIATES AND THOSE INVOLVED IN THE WRITING AND PUBLICATION OF THIS GUIDE ASSUME NO LIABILITY FOR ANY STATEMENTS MADE IN THIS GUIDE OR FOR ANY DAMAGE, LOSS, INJURY, OR EXPENSE THAT MAY BE INCURRED OR SUFFERED AS A RESULT OF THE USE OF OR RELIANCE ON THIS PUBLICATION.

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THE READER IS ADVISED TO EVALUATE THE INFORMATION, MATERIALS AND TECHNIQUES CAUTIOUSLY AND TO CONSULT APPLICABLE BUILDING CODES AND GUIDELINES TO DETERMINE WHETHER THE INFORMATION, MATERIAL AND TECHNIQUES ARE SUITABLE IN EACH INSTANCE.

THE DRAWINGS AND TEXT ARE INTENDED AS A GENERAL REFERENCE GUIDE ONLY. PROJECT AND SITE SPECIFIC FACTORS INCLUDING CLIMATE, EXPOSURE, COMPLEXITY, AESTHETICS, ETC. MUST ALWAYS BE TAKEN INTO CONSIDERATION.

LIMITATIONS

THESE DETAILS ARE INTENDED AS A PRACTICAL REFERENCE GUIDE FOR ASSEMBLING A BUILDING ENVELOPE IN WOOD FRAME CONSTRUCTION ONLY. IT IS NOT INTENDED TO REPLACE PROFESSIONAL ADVICE.

ENSURE THAT ALL PROPOSED PRODUCTS AND SYSTEMS ARE ACCEPTABLE TO THE BUILDING AUTHORITY HAVING JURISDICTION PRIOR TO THE INSTALLATION. ENSURE TO FOLLOW THE BUILDING MATERIAL MANUFACTURER’S WRITTEN SPECIFICATIONS & INSTALLATION GUIDELINES.

THE INFORMATION PRESENTED HEREIN IS NOT EXCLUSIVE. MANY PRODUCTS AND METHODS MAY BE USED AS ALTERNATIVES TO SATISFY REGIONAL REQUIREMENTS, COST CONSIDERATIONS, AVAILABILITY AND SPECIFIC DESIGN REQUIREMENTS.

ENSURE THAT MATERIALS USED IN CONJUNCTION WITH ONE ANOTHER ARE COMPATIBLE.

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GENERAL NOTES:

1) STRUCTURAL FRAMING REQUIREMENTS, LINTEL, POST & BEAM REQUIREMENTS AND CONCRETE STRENGTH AND MIX REQUIREMENTS ARE THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER. SUCH REQUIREMENTS ARE NOT IDENTIFIED ON THE ATTACHED BUILDING ENVELOPE DETAILS.

2) WINDOWS & DOORS, MECHANICAL COMPONENTS, ELECTRICAL FIXTURES AND GUARDRAILS, WHERE SHOWN ON THE ATTACHED DETAILS ARE BY OTHERS.

3) ALL WORK SHALL BE IN ACCORDANCE WITH THE BUILDING CODE, MUNICIPAL BYLAWS AND REGULATIONS.

4) ANY EXPOSED UNDERSIDE OF FLASHING AT WINDOW / DOOR HEADS TO BE PAINTED.

5) ALL WINDOWS AND DOORS MUST MEET THE REQUIREMENTS OF THE BUILDING CODE.

6) CAULKING BETWEEN DISSIMILAR MATERIALS MUST BE INSTALLED PER BUILDING CODE. CAULKING / SEALANT MUST BE INSTALLED AS PER MANUFACTURER'S WRITTEN SPECIFICATIONS.

7) ATTACHMENT OF CLADDING MUST BE INSTALLED PER BUILDING CODE AND MANUFACTURER'S REQUIREMENTS.

8) INSULATION MUST BE INSTALLED PER BUILDING CODE.

9) VAPOUR BARRIER MUST BE INSTALLED PER BUILDING CODE.

10) FLASHING DIMENSIONS, SLOPE & END DAMS MUST BE PER BUILDING CODE. VERTICAL LEG OF METAL FLASHING UP WALL SHEATHING MUST EXTEND UPWARDS NOT LESS THAN 50 mm BEHIND THE AIR BARRIER / SHEATHING MEMBRANE. METAL FLASHING MUST HAVE MINIMUM OF 6 % SLOPE TOWARDS EXTERIOR. METAL FLASHING MUST OVERLAP MINIMUM OF 10 mm VERTICALLY OVER THE BUILDING ELEMENT BELOW. METAL FLASHING MUST HAVE MINIMUM OF 25 mm END DAM AT TERMINATIONS. PROVIDE MINIMUM OF 5 mm CLEARANCE BETWEEN METAL FLASHING AND SIDING.

11) STRAPPING MUST BE MINIMUM 3/8" X 2" CCA TREATED EXTERIOR GRADE PLYWOOD STRAPPING. INSTALL VERTICAL STRAPPING ALIGNED WITH STUDS. THE STRAPPING SHALL BE NAILED TO THE UNDERLYING SHEATHING USING HOT DIPPED GALVANIZED OR STAINLESS STEEL FASTENERS, MINIMUM 50 mm (2") LONG INSTALLED AT 8" CENTERS. ACQ TREATED STRAPPING WILL REQUIRE STAINLESS STEEL FASTENERS OR G165 GALVANIZED FASTENERS.

12) INSTALL BUG SCREEN (RIGID OR NYLON MESH SCREEN) AT BOTTOM AND TOP OF CAVITY. NYLON BUG SCREEN, IF USED, TO BE WRAPPED AROUND ENDS OF STRAPPING.
AIR BARRIER / SHEATHING MEMBRANE

LAP AIR BARRIER / SHEATHING MEMBRANE MINIMUM 25 mm OVER FOUNDATION WALL; SEAL AIR BARRIER / SHEATHING MEMBRANE CONTINUOUSLY TO FOUNDATION WALL

VAPOUR BARRIER PROVIDE MIN. 200 mm VERTICAL CLEARANCE

GRADE

FOAM SILL GASKET

INSULATION

STRAPPING; INSTALL STRAPPING MINIMUM 25 mm OVER FOUNDATION WALL AS SHOWN BUG SCREEN

INTERIOR FINISH (DRYWALL)

CONCRETE FOUNDATION WALL

DAMPROOFING / WATERPROOFING MEMBRANE

200 mm CLEAR

PROVIDE MIN. 200 mm VERTICAL CLEARANCE

FIBRE CEMENT CLADDING EXTERIOR SHEATHING

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NOTE:
1. STRAPPING MUST TERMINATE AT EVERY FLOOR LEVEL.
1. Install two additional straps to all outside corners as shown.

- Apply extra layer of 300mm wide (150mm each face) air barrier/sheathing membrane starter strip over air barrier/sheathing membrane to all outside corners.
- Leave cavity between adjacent pieces of strapping at all corners.
- Apply extra layer of air barrier/sheathing membrane starter strip over strapping at all outside corners as shown.
- Continuous sealant at butt joints.

**Typical Outside Corner**

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NOTE:

1. INSTALL TWO ADDITIONAL STRAPS TO ALL INSIDE CORNERS AS SHOWN.

INTERIOR FINISH (DRYWALL)

VAPOUR BARRIER

LEAVE CAVITY BETWEEN ADJACENT PIECES OF STRAPPING AT ALL INSIDE CORNERS

FIBRE CEMENT CLADDING

AIR BARRIER / SHEATHING MEMBRANE

CONTINUOUS SEALANT AT BUTT JOINT

APPLY EXTRA LAYER OF 300 mm WIDE (150 mm EACH FACE) AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP OVER AIR BARRIER / SHEATHING MEMBRANE TO ALL INSIDE CORNERS

CONTINUOUS SEALANT AT BUTT JOINT

FIBRE CEMENT TRIM

CONTINUOUS SEALANT AT BUTT JOINT

APPLY EXTRA LAYER OF AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP OVER STRAPPING AT ALL INSIDE CORNERS AS SHOWN

STRAPPING

EXTERIOR SHEATHING

INSULATION

Typical Inside Corner

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SCALE

DETAIL NO.

2.3
Balcony at Building Wall

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Balcony at Building Wall

- WATERPROOF MEMBRANE; MIN. 200 mm up wall sheathing from the top of finished balcony surface
- AIR BARRIER / SHEATHING MEMBRANE laps over waterproof membrane; MIN. 3"
- TAPE / SEALANT
- 5 mm CLR.
- AIR BARRIER / SHEATHING MEMBRANE
- VENTILATED SOFFIT PANELS
- BUG SCREEN
- EXTERIOR GRADE PLYWOOD SHEATHING ON 2 X -- TAPERED SHIMS (ONE PER JOIST) SLOPED TO EDGE PER STRUCTURAL ENGINEER'S SPECS.
- BALCONY FRAMING PER STRUCTURAL ENGINEER'S SPECS.
- VENTILATED SOFFIT PANELS
- BUG SCREEN
- STRAPPING
- AIR BARRIER / SHEATHING MEMBRANE

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2.4
NOTE:-
1. TOP MOUNTED GUARDRAILS ARE NOT ACCEPTABLE.
2. STRUCTURAL ENGINEER IS RESPONSIBLE FOR THE STRUCTURAL DESIGN AND INSTALLATION INSPECTION OF GUARDRAILS.

ALUMINUM AND GLASS GUARD OR ALUMINUM PICKETTED GUARD; SECURE POST BASES WITH GASKETTED STAINLESS STEEL FASTENERS THROUGH POST BASE PLATES AND SPACERS AS REQ'D; FILL PILOT HOLES WITH URETHANE CAULKING; INSTALL GUARDRAILS PER STRUCTURAL ENGINEER'S SPECS.

26 Ga. PRE-FINISHED METAL EDGE FLASHING

NEOPRENE PAD AT POST LOCATIONS ONLY

WOOD FASCIA - PAINT

GASKETTED STAINLESS STEEL FASTENERS PER STRUCTURAL ENGINEER'S SPECS.

WATERPROOF MEMBRANE

BALCONY

ROUT RECESS IN PLYWOOD FOR DECK EDGE FLASHING

MIN. 2% SLOPE REQUIRED

EXTERIOR GRADE PLYWOOD SHEATHING ON 2 X -- TAPERED SHIMS (ONE PER JOIST) SLOPED TO EDGE PER STRUCTURAL ENGINEER'S SPECS.

BALCONY FRAMING PER STRUCTURAL ENGINEER'S SPECS.

AIR BARRIER / SHEATHING MEMBRANE

VENTILATED SOFFIT PANELS

Typical Balcony Edge

AVIVA - HOME WARRANTY

SCALE

DETAIL NO. N.T.S 2.5

DATE March 28, 2014
NOTES:
1. AT HEAD LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. REFER TO WINDOW WATERPROOFING SEQUENCE DETAIL NOS. 3.4a -3.4i.
3. HEAD FLASHING MUST EXTEND 3/8" PAST THE WINDOW JAMBS. PROVIDE SAFETY EDGE AT ALL CUT FLASHING MATERIALS.
4. HEAD METAL FLASHING MUST NOT IMPEDE THE OPERATION OF WINDOW.

Window - Head

AVIVA - HOME WARRANTY

Date: March 28, 2014
NOTE:

1. REFER TO WINDOW WATERPROOFING SEQUENCE DETAIL NOS. 3.4a - 3.4i.
NOTES:
1. AT SILL LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. REFER TO WINDOW WATERPROOFING SEQUENCE DETAIL NOS. 3.4a -3.4i.
3. SILL FLASHING MUST EXTEND 3/8" PAST THE WINDOW JAMBS. PROVIDE SAFETY EDGE AT ALL CUT FLASHING MATERIALS.
STUD CAVITY BELOW WINDOW SILL
VERIFY SHEATHING EDGES ARE CUT FLUSH WITH FRAMES AT ALL SIDES
EXTERIOR SHEATHING
CORROSION RESISTANT STAPLES ALONG TOP EDGE (ALIGNED WITH STUDS)
LEAVE SILL AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP (12" WIDE) UNATTACHED AT THE BOTTOM EDGE SO THAT FIELD AIR BARRIER / SHEATHING MEMBRANE CAN BE INSTALLED UNDERNEATH IT
DRILL 2" Ø VENT HOLES IN EACH STUD CAVITY BELOW WINDOW SILL

Window Waterproofing Sequence (1 of 10)

AVIVA - HOME WARRANTY

SCALE

DETAIL NO.

N.T.S

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3.4a
INSTALL MINIMUM OF 6" WIDE SELF ADHESIVE MEMBRANE ACROSS SILL AND DOWN FACE; MIN. 3"

NOTE:
1. PRIME ALL SURFACES TO RECEIVE SELF ADHESIVE MEMBRANE PER MEMBRANE MANUFACTURER'S SPECIFICATION.
3.4c

12" RETURN AIR BARRIER / SHEATHING MEMBRANE INTO WINDOW ROUGH OPENING AT HEAD AND JAMBS. TAPE / SEAL JOINTS FOR AIR BARRIER / SHEATHING MEMBRANE CONTINUITY INBOARD ROW OF STAPLES ARE TO BE PLACED WITHIN 1/2" OF ROUGH OPENING; WINDOW FLANGE MUST COVER ALL STAPLES.

INSTALL 12" WIDE AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AT HEAD LAPED OVER TOP OF JAMB AIR BARRIER / SHEATHING MEMBRANE STARTER STRIPS. RETURN AIR BARRIER / SHEATHING MEMBRANE MIN. 3" INSIDE THE WINDOW ROUGH OPENING.

NOTE:
1. INSTALL STAPLES VERTICALLY @ 6" o.c.; HORIZONTALLY TO BE ALIGNED WITH STUDS.
3.4d

12"

PLASTIC HORSESHOE SHIMS AT SILL AT 6" O.C. OR AS APPROVED BY THE WINDOW MANUFACTURER

NAILING OF WINDOWS TO BE PER WINDOW MANUFACTURER'S RECOMMENDATIONS; APPLY SEALANT OVER NAILS

SHIM SILL FLANGE 1/8" OFF WALL FACE FOR AIR SPACE WITH 1/8" PLASTIC SHIMS AT 6" O.C.

FASTEN AT HEAD USING HEAD RETAINER CLIPS PER MANUFACTURER'S SPECIFICATION

PLACE EXTRA SEALANT AT MITER CORNERS OF WINDOW FRAME TYPICAL (BACKSIDE)

APPLY CONTINUOUS SEALANT ON BACKSIDE OF WINDOW FLANGES AT HEAD & JAMBS THEN INSTALL WINDOW TO OPENING; APPLY FILLET CAULK TO EDGE OF WINDOW FLANGE & NAIL HOLES TO ENSURE CONTINUOUS SEAL. DO NOT INSTALL SEALANT AT SILL TO ALLOW FOR DRAINAGE

APPLY CONTINUOUS SEALANT ON BACKSIDE OF WINDOW FLANGES AT HEAD & JAMBS THEN INSTALL WINDOW TO OPENING; APPLY FILLET CAULK TO EDGE OF WINDOW FLANGE & NAIL HOLES TO ENSURE CONTINUOUS SEAL. DO NOT INSTALL SEALANT AT SILL TO ALLOW FOR DRAINAGE

PLASTIC HORSESHOE SHIMS AT SILL AT 6" O.C. OR AS APPROVED BY THE WINDOW MANUFACTURER

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Window Waterproofing Sequence (4 of 10)

3.4d

N.T.S

DATE

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INSTALL 26 Ga. PRE - FINISHED METAL HEAD FLASHING COMPLETE WITH END DAMS (25 mm) - SEE NOTE 1

NOTE:-

1. DIMENSIONS OF HEAD METAL FLASHING MUST NOT IMPEDE THE OPERATION OF WINDOW. HEAD FLASHING MUST EXTEND 3/8" PAST THE WINDOW JAMBS.
TUCK BOTTOM SHEET OF AIR BARRIER / SHEATHING MEMBRANE UNDER THE AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP

TAPE BETWEEN AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AND AIR BARRIER / SHEATHING MEMBRANE FOR AIR BARRIER CONTINUITY

Window Waterproofing Sequence (6 of 10)

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N.T.S 3.4f
AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AT SILL

TAPE ALL JOINTS FOR AIR BARRIER CONTINUITY

TAPE / SEAL AIR BARRIER / SHEATHING MEMBRANE OVER WINDOW JAMB FLANGES & OVER HEAD METAL FLASHING

AIR BARRIER / SHEATHING MEMBRANE
NOTE: INSTALLATION SEQUENCE: A,B,C

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Window Waterproofing Sequence (7 of 10)

3.4g

N.T.S

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DETAIL NO.
NOTE:
1. SILLY FLASHING MUST EXTEND 3/8" PAST THE WINDOW JAMBS.
INSTALL 26 Ga. PRE-FINISHED METAL HEAD FLASHING OVER STRAPPING AND WINDOW HEAD TRIM AS SHOWN

INSTALL WOOD TRIMS OVER STRAPPING AS SHOWN

VERTICAL STRAPPING - ALIGN WITH STUDS

NOTE:-
1. HEAD FLASHING MUST EXTEND 3/8" PAST THE WINDOW HEAD TRIM.
NOTE:-
1. HEAD FLASHING MUST EXTEND 3/8" PAST THE WINDOW HEAD TRIM.

FIBRE CEMENT CLADDING - INSTALL IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND SPECIFICATIONS AND PER BUILDING CODE.
NOTES:

1. AT HEAD LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. HEAD FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS. PROVIDE SAFETY EDGE AT ALL CUT FLASHING MATERIALS.
Sliding Door - Jamb

VAPOUR BARRIER

SEALANT

SEAL DOOR FLANGE TO AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP WITH URETHANE CAULKING AT HEAD AND JAMBS ONLY - DO NOT SEAL DOOR SILL FLANGE TO ALLOW FOR DRAINAGE

SEALANT / TAPE

DOOR

SEALANT

SILL FLASHING c/w END DAMS

EXTERIOR SHEATHING

INTERIOR FINISH (DRYWALL)

INSULATION

AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP

AIR BARRIER / SHEATHING MEMBRANE LAPS OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AND DOOR JAMB FLANGES

STRAPPING

FIBRE CEMENT CLADDING

SEALANT AT BUTT JOINTS

WOOD TRIM - PAINT

Sliding Door - Jamb

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NOTES:
1. AT SILL LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. SILL FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS. PROVIDE SAFETY EDGE AT ALL CUT FLASHING MATERIALS.
NOTES:
1. AT SILL LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. SILL FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS. PROVIDE SAFETY EDGE AT ALL CUT FLASHING MATERIALS.

Sliding Door - Sill at Patio

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NOTES:

1. AT HEAD LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. HEAD FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS. PROVIDE SAFETY EDGE AT ALL CUT FLASHING MATERIALS.

EXTERIOR SHEATHING
FIBRE CEMENT CLADDING
STRAPING
SEALANT
AIR BARRIER / SHEATHING MEMBRANE LAPS OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP & METAL FLASHING
26 Ga. PRE-FINISHED METAL HEAD FLASHING COMPLETE WITH END DAMS
WOOD TRIM - PAINT

26 Ga. PRE-FINISHED METAL HEAD FLASHING COMPLETE WITH END DAMS
BRICK MOLD - PAINT

VAPOUR BARRIER
INTERIOR FINISH (DRYWALL)
INTERIOR FINISH (DRYWALL)
BUG SCREEN
AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
TRIM
SEALANT
BUG SCREEN
SWING DOOR

Swing Door - Head

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NOTES:

1. AT SILL LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. SILL FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS. PROVIDE SAFETY EDGE AT ALL CUT FLASHING MATERIALS.
NOTES:

1. AT SILL LEVEL - TURN METAL FLASHINGS VERTICALLY UP WALL MIN. 25 mm TO CREATE END DAMS BEHIND SIDING AT BOTH LEFT & RIGHT JAMBS.
2. SILL FLASHING MUST EXTEND 3/8" PAST THE DOOR JAMBS. PROVIDE SAFETY EDGE AT ALL CUT FLASHING MATERIALS.
SEALANT

AIR BARRIER / SHEATHING MEMBRANE LAPS OVER
AIR BARRIER / SHEATHING MEMBRANE STARTER
STRIP AND SELF ADHESIVE MEMBRANE

EXTERIOR SHEATHING

SEALANT

FIBRE CEMENT CLADDING

INSULATION

ALLOW CAVITY TO DRAIN AROUND SIDES OF BLOCKING;
HOLD STRAPPING UP 1" FROM TOP OF BLOCKING
SELF ADHESIVE MEMBRANE LAPS OVER LIGHT
PLATE FLANGE

SURFACE MOUNT FIXTURE HOUSING TO WALL WITH
CORROSION RESISTANT FASTENERS; FILL PILOT
HOLES WITH POLYURETHANE CAULKING

SELF ADHESIVE MEMBRANE LAPS OVER LIGHT
PLATE FLANGE

ALLOW CAVITY TO DRAIN AROUND SIDES OF BLOCKING;
HOLD STRAPPING UP 1" FROM TOP OF BLOCKING
SELF ADHESIVE MEMBRANE LAPS OVER LIGHT
PLATE FLANGE

SURFACE MOUNT FIXTURE HOUSING TO WALL WITH
CORROSION RESISTANT FASTENERS; FILL PILOT
HOLES WITH POLYURETHANE CAULKING

NOTE:
1. LIGHT FIXTURE PROFILE
MAY VARY.

ELECTRICAL

BOX

TAPE / SEALANT

STRAPPING

SEA LANT

LIGHT FIXTURE

VINYL LIGHT TRIM PLATE (MATCH SIDING
COLOUR) BACK CAULK TOP AND SIDES TO
AIR BARRIER / SHEATHING MEMBRANE -
INSTALL WEATHERPROOF GASKET
BETWEEN FIXTURE AND TRIM PLATE

PRESSURE TREATED SOLID BLOCKING;
SLOPE TOP EDGE 2:1 TO ASSIST DRAINAGE
SELF ADHESIVE MEMBRANE OVER AIR BARRIER /
SHEATHING MEMBRANE STARTER STRIP
TUCK AIR BARRIER / SHEATHING MEMBRANE
UNDER AIR BARRIER / SHEATHING MEMBRANE
STARTER STRIP

18" SQUARE OF AIR
BARRIER / SHEATHING
MEMBRANE STARTER
STRIP

SELF ADHESIVE
MEMBRANE
INSTALLATION
SEQUENCE -
1st 2nd 3rd

Light Fixture

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Light Fixture

N.T.S.

SCALE

DETAIL NO.

N.T.S

4.1

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NOTE:

1. ELECTRICAL BOX PROFILE MAY VARY.

- VINYL MOUNTING PLATE
- AIR BARRIER / SHEATHING MEMBRANE
- STARTER STRIP
- SELF ADHESIVE MEMBRANE PRIMED TO ELECTRICAL BOX
- VAPOUR BARRIER
- AIR BARRIER / SHEATHING MEMBRANE LAPS OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AND S.A. MEMBRANE
- SEALANT
- BUG SCREEN
- SELF ADHESIVE MEMBRANE OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
- ELECTRICAL SERVICE BOX EXTENSION AND WEATHERPROOF COVER
- SELF ADHESIVE MEMBRANE OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
- BUGSCREEN ALL AROUND
- STRAPPING
- TUCK AIR BARRIER / SHEATHING MEMBRANE UNDER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
- TAPE / SEALANT
- 3" MIN. S. A. MEMBRANE
- FIBRE CEMENT CLADDING
- SEALANT
- INSULATION
- EXTERIOR SHEATHING
- ELECTRICAL BOX
- 12+" TYP.

ELEV. 'B'

SAFETY STICKER
NOTE:
1. EXTEND HOSE BIBS AS NECESSARY TO CLEAR BACKER PLATE AND FIBRE CEMENT CLADDING.

- VAPOUR BARRIER
- INSULATION
- EXTERIOR SHEATHING
- STRAPPING
- FIBRE CEMENT CLADDING
- AIR BARRIER / SHEATHING MEMBRANE
- LAPS OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP AND GASKET
- SEALANT
- AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP BEHIND GASKET
- VINYL PIPE BACKER PLATE WITH LOCKING TRIM RING
- EPDM OR RUBBER GASKET SEALED TO WALL AND PIPE; LAP AIR BARRIER / SHEATHING MEMBRANE OVER GASKET AT TOP & UNDER GASKET AT BOTTOM
- SEALANT AT PERIMETER
- TUCK AIR BARRIER / SHEATHING MEMBRANE UNDER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
- PRESSURE TREATED SOLID BLOCKING
- GASKET OVER AIR BARRIER/ SHEATHING MEMBRANE STARTER STRIP
- TAPE / SEALANT

Pipe Protrusion

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AVIVA - HOME WARRANTY

March 28, 2014
S. A. MEMBRANE LAPS OVER VENT FLANGE
AIR BARRIER / SHEATHING MEMBRANE LAPS OVER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP, SELF ADHESIVE MEMBRANE & METAL FLASHING
STRAPPING
S. A. MEMBRANE LAPS OVER VENT FLANGE
BUG SCREEN
26 Ga. PREFINISHED METAL FLASHING c/w END DAMS
FRESH AIR INTAKE - WALLCAP COMBO VENT W/DRAIN FLANGE BY PRIMEX OR APPROVED EQUAL
SEAL TO DUCT
26 Ga. METAL 'J' TRIM; SEAL BETWEEN 'J' TRIM AND SIDES OF VENT
BUG SCREEN
STRAPPING
TUCK AIR BARRIER / SHEATHING MEMBRANE UNDER AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
TAPE / SEALANT
FIBRE CEMENT CLADDING
VAPOUR BARRIER

18" x 18" SQUARE OF AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP
SELF ADHESIVE MEMBRANE
VENT FLANGE
VENT HOOD
SEAL FLANGE TO AIR BARRIER / SHEATHING MEMBRANE STARTER STRIP WITH CAULKING ALL 4 SIDES; SEAL ANY EXPOSED FASTENERS

Exhaust Vent

AVIVA - HOME WARRANTY

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DATE
March 28, 2014
PRESSURE TREATED WOOD BLOCKING AT FASTENERS LOCATION PER STRUCTURAL ENGINEER'S SPECS.

APPLY 8" SQUARE SELF ADHESIVE MEMBRANE OVER AIR BARRIER / SHEATHING MEMBRANE (c/w MASTIC ALONG TOP EDGE & SIDES)

STAINLESS STEEL, GASKETED FASTENERS; FILL PILOT HOLES WITH URETHANE SEALANT; DO NOT OVERTIGHTEN & COMPRESS SIDING

NOTE: ALLOW FOR DRAINAGE OF CAVITY AROUND BLOCKING

TAPE / SEAL ALL AROUND THE S.A. MEMBRANE

URETHANE SEALANT BEHIND FASTENERS

INSTALL ALUMINUM AND GLASS GUARD OR ALUMINUM PICKETED GUARD C/W GASKETED STAINLESS STEEL FASTENERS PER STRUCTURAL ENGINEER'S SPECIFICATIONS

PRESSURE TREATED WOOD BLOCKING AT FASTENERS LOCATION PER STRUCTURAL ENGINEER'S SPECS.

APPLY 8" SQUARE SELF ADHESIVE MEMBRANE OVER AIR BARRIER / SHEATHING MEMBRANE (c/w MASTIC ALONG TOP EDGE & SIDES)

100 mm MAX. CLR.