SIKAGARD 530 OR 535 LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER

SIKA MEMBRAN 540 OR SIKA MULTISEAL 515 SELF-ADHERED SEAM TAPE

SIKAGARD 530 OR 535 LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER

SEE ROOF NOTE 4

SIKA MEMBRAN 540 OR SIKA MULTISEAL 515 SELF-ADHERED SEAM TAPE

SIKAGARD 530 OR 535 LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER

SARNAVAP AIR BARRIER

THERMAL BARRIER

INSULATION SECURELY FASTENED

WOOD NAILER TO MATCH INSULATION HEIGHT

FINISHED DRYWALL

EXTERIOR SHEATHING

METAL COPING CAP WITH WATERTIGHT JOINTS

GROMMETED FASTENER 12 IN O.C.

METAL EXTENDER PIECE AS REQUIRED

SARNAFIL ADHERED FLASHING

ALUMINUM TAPE

SPECIFIED SARNAFIL SECUREMENT

HOT-AIR WELD

SARNAFIL MEMBRANE MECH. ATTACHED

MULTI-PURPOSE TAPE

CONTINUOUS METAL HOOK STRIP (MIN. 22 GAUGE)

AIR BARRIER NOTES:
1. TREAT SHEATHING BOARD JOINTS WITH SIKATEX 111C SEALANT, TREAT CONNECTIONS BETWEEN DISSIMILAR MATERIALS AND OUTSIDE CORNER DETAILS WITH SELF-ADHERED TRANSITION SEAM TAPE.

2. INSTALL SIKAGARD LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER OVER THE EXTERIOR FACE OF THE BACK-UP WALL SUBSTITUTE SO AS TO PROVIDE A CONTINUOUS BARRIER TO STOP AIR MOVEMENT AND PREVENT WATER INTRUSION.

3. ACCEPTABLE BACK-UP WALL SUBSTRATES INCLUDE BUT NOT LIMITED TO: DRYWALL, CONCRETE, AND CONCRETE BLOCK.

4. PENETRATIONS OF THE AIR BARRIER SYSTEM SHALL BE SEAL WITH SIKATEX 111C SEALANT TO MAINTAIN THE INTEGRITY OF THE AIR BARRIER SYSTEM OVER THE ENTIRE SURFACE.

5. PROVIDE A FAST-EDGE OF COMPATIBLE SEALANT OR COATING OF LIQUID APPLIED AIR BARRIER MATERIAL OVER THE LEADING EDGE OF MEMBRANE FLASHINGS TO DIRECT WATER OUT.

6. REFER TO SIKA TECHNICAL DATA SHEETS AND GUIDE SPECIFICATIONS FOR RECOMMENDED INSTALLATION PROCEDES AND COMPATIBLE SEALANTS.

7. DETAILS REPRESENT THE GENERAL ARRANGEMENT OF MATERIALS ASSEMBLED, PROJECT SPECIFICATIONS GOVERN. DO NOT SCALE.

ROOF NOTES:
1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. REFER TO FACTORY MUTUAL DATA SHEET 1-49.
2) METAL EXTENDER PIECE IS REQUIRED IF EXISTING COUNTERFLASHING IS CONTAMINATED AND OR COUNTERFLASHING FASCIA IS LESS THAN 4-INCHES WIDE.
3) AIR BARRIER SHALL BE SEALED AT EDGES.
4) SARNAVAP AIR BARRIER IS INSTALLED AND TURNED DOWN THE WALL 3" AND THEN COVERED BY SIKA MEMBRANE 540 OR MULTISEAL 515 SELF ADHERED SEAM TAPE.
SIKAGARD® 530 or 535 LIQUID
APPLIED VAPOR PERMEABLE AIR
BARRIER

SIKAFLEX® 11TC SEALANT
OVER LEADING EDGE OF FLASHING
MEMBRANE

SIKAMULTISEAL® PLUS
FLASHING MEMBRANE

SIKAFLEX® SEALANT

SIKA MEMBRAN® 540 OR
SIKAMULTISTA® 515 SELF-ADHERED
TRANSITION SEAM TAPE

SIKAGARD® LIQUID APPLIED
VAPOR PERMEABLE AIR BARRIER

EXTERIOR SHEATHING

NOTES:
1. TREAT SHEATHING BOARD JOINTS WITH SIKAFLEX® 11TC SEALANT. TREAT CONNECTIONS BETWEEN DSSIMILAR MATERIALS AND CORNER DETAILS WITH
SERIES 11TC SEALANT.
2. INSTALL SIKAGARD® LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER OVER THE EXTERIOR FACE OF THE BACK-UP WALL SUBSTRATE SO AS TO PROVIDE A CONTINUOUS BARRIER TO STOP AIR MOVEMENT AND PREVENT WATER INTRUSION.
3. ACCEPTABLE BACK-UP WALL SUBSTRATES INCLUDE BUT NOT LIMITED TO DENSE GLASS, PLANK, CONCRETE, AND CONCRETE BLOCK.
4. PENTRATIONS OF THE AIR BARRIER SYSTEM SHALL BE SEALED WITH SIKAFLEX® 11TC SEALANT TO MAINTAIN THE INTEGRITY OF THE AIR BARRIER SYSTEM OVER THE ENTIRE SURFACE.
5. REFER TO SIKA TECHNICAL DATA SHEETS AND GUIDE SPECIFICATIONS FOR RECOMMENDED INSTALLATION PROCEDURES AND COMPATIBLE SEALANTS.
6. DETAIL REPRESENTS GENERAL ARRANGEMENT OF MATERIALS AND ASSEMBLIES. PROJECT SPECIFICATIONS GOVERN. DO NOT SCALE.
SIKA FLEX® 11FC SEALANT OVER LEADING EDGE OF SIKA MULTISEAL® PLUS FLASHING MEMBRANE

SIKA MULTISEAL® PLUS FLASHING MEMBRANE

STEEL SHELF ANGLE

SIKA FLEX® OR SIKA SIL® SEALANT

SIKA MEMBRAN® 540 OR SIKA MULTISEAL® 515 SELF-ADHERED TRANSITION SEAM TAPE

SIKA MEMBRAN® 540 OR SIKA MULTISEAL® 515 SELF-ADHERED TRANSITION SEAM TAPE OR SIKA FLEX® 102 EVERFLASH MEMBRANE

BRICK VENEER

AIR SPACE

SIKA MEMBRAN® 540 OR SIKA MULTISEAL® 515 SELF-ADHERED TRANSITION SEAM TAPE

SIKAGARD® LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER

EXTERIOR SHEATHING

STUD FRAMING

INSULATION

SIKA FLEX® OR SIKA SIL® SEALANT

SIKA MEMBRAN® 540 OR SIKA MULTISEAL® 515 SELF-ADHERED TRANSITION SEAM TAPE

SIKAGARD® LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER

NOTES:
1. A CONTINUOUS PLANE OF AIR TIGHTNESS IS ACHIEVED WHEN THE AIR BARRIER CONNECTION TO THE WINDOW FRAME IS WELL INTEGRATED.
2. THERE ARE SEVERAL COMBINATIONS FOR WINDOW ATTACHMENT AND DETAILING. REFER TO AAMA STANDARDS.
3. REFER TO SIKA TECHNICAL DATA SHEETS AND GUIDE SPECIFICATIONS FOR RECOMMENDED INSTALLATION PROCEDURES AND COMPATIBLE SEALANTS.
4. DETAIL REPRESENTS GENERAL ARRANGEMENT OF MATERIALS AND ASSEMBLIES. PROJECT SPECIFICATIONS GOVERN. DO NOT SCALE.

JOE NAME:

DETAIL TITLE:

WINDOW A DETAIL

SCALE: N.T.S.

DATE: 3/13/18

FILE NO.:

DRW. NO.: AB-4

AS A MANUFACTURER OF CONSTRUCTION PRODUCTS, SIKA CORPORATION PROVIDES GENERIC DETAILS AS A GENERAL GUIDE FOR INFORMATION PURPOSES ONLY. THESE DETAILS ARE NOT INTENDED TO REPLACE SOUND ENGINEERING AND ARCHITECTURAL PRACTICES AND SHOULD NOT BE RELIED UPON FOR THAT PURPOSE. SIKA CORPORATION DISCLAIMS ANY LIABILITY WITH RESPECT TO THE DESIGN OF THE SYSTEM. THE ARCHITECT, CONSULTANT AND/OR ENGINEER OR DESIGN PROFESSIONAL FOR A PARTICULAR PROJECT BORES THE SOLE RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FOR THE PREPARATION AND APPROVAL OF THE PROJECT SPECIFICATIONS, DETAILS AND SHOP DRAWINGS, TO DETERMINE THEIR SUITABILITY FOR A PARTICULAR PROJECT OR APPLICATION. SIKA PROVIDES GENERAL INSTRUCTIONS FOR THE INSTALLATION OF ITS MATERIALS. THE MEANS AND METHODS USED BY THE CONTRACTOR FOR MATERIAL STORAGE, SUBSTRATE EVALUATION, SURFACE PREPARATION AND THE INSTALLATION OF BOTH SIKA AND NON-SIKA MATERIALS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON SIKA PRODUCT LABELS, TECHNICAL DATA SHEETS, AND MATERIAL SAFETY DATA SHEETS AVAILABLE AT WWW.SIKAUSA.COM. SIKA CORPORATION MAKES NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, AS TO THE CONTENT OF THIS GUIDE DETAIL. SIKA SHALL NOT BE RESPONSIBLE UNDER ANY LEGAL THEORY TO ANY THIRD PARTY FOR ANY DIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND ARISING FROM THE USE OF THIS CENTER. SIKA PRODUCTS AND SERVICES PROVIDED BY SIKA CORPORATION ARE SUBJECT TO ITS TERMS AND CONDITIONS OF SALE AVAILABLE AT WWW.SIKAUSA.COM.
SIKA® 11FC SEALANT OVER LEADING EDGE OF SIKA® MULTISEAL® PLUS FLASHING MEMBRANE

SIKA® MULTISEAL® PLUS FLASHING MEMBRANE

STEEL SHELF ANGLE

SIKA® MULTISEAL® OR SIKASIL® SEALANT

SIKA MEMBRAN® 540 OR SIKA® MULTISEAL® 515 SELF-ADHERED TRANSITION SEAM TAPE

SIKA MEMBRAN® 540 OR SIKA® MULTISEAL® 515 SELF-ADHERED TRANSITION SEAM TAPE OR SIKA® MULTISEAL® 102 EVERFLASH MEMBRANE

BRICK VENEER

AIR SPACE

SIKA MEMBRAN® 540 OR SIKA® MULTISEAL® 515 SELF-ADHERED TRANSITION SEAM TAPE

SIKAGARD® LIQUID APPLIED VAPORPERMEABLE AIR BARRIER

EXTERIOR SHEATHING

STUD FRAMING

INSULATION

SIKA® MULTISEAL® OR SIKASIL® SEALANT

SIKA MEMBRAN® 540 OR SIKA® MULTISEAL® 515 SELF-ADHERED TRANSITION SEAM TAPE

SIKAGARD® LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER

Alternatives Method: Provide backer rod and sealant at interior connections.

JAMB

SILL

HEAD

NOTES:
1. A continuous plane of air tightness is achieved when the air barrier connection to the window frame is well integrated.
2. There are several combinations for window attachment and detailing. Refer to AAMA standards.
3. Refer to Sika technical data sheets and guide specifications for recommended installation procedures and compatible sealants.
4. Detail represents general arrangement of materials and assemblies, project specifications govern. Do not scale.
SIKAGARD® LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER

EXTERIOR SHEATHING

SIKAFLEX® 11FC SEALANT OVER LEADING EDGE OF SIKAMULTISEAL® PLUS FLASHING MEMBRANE

SIKAMULTISEAL® PLUS FLASHING MEMBRANE

FINISHED DRYWALL

NOTES:
1. TREAT SILL-BANDING BOARD JOINTS WITH SIKAFLEX® 11FC SEALANT. TREAT CONNECTIONS BETWEEN DISIMARIL MATERIALS AND CORNER DETAILS WITH SELF-ADHERED TRANSITION TAPE. IF THE GAP IS LESS THAN 1" AND THE EDGES ARE SUITABLE FOR SEALANT, SIKAFLEX® 11FC MAY BE USED.
2. INSTALL SIKAGARD® LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER OVER THE EXTERIOR FACE OF THE BACK-UP WALL SUBSTRATE SO AS TO PROVIDE A CONTINUOUS BARRIER TO STOP AIR MOVEMENT AND PREVENT WATER INTRUSION.
3. ACCEPTABLE BACK-UP WALL SUBSTRATES INCLUDE BUT NOT LIMITED TO DENSITY GLASS, PLYWOOD, CONCRETE AND CONCRETE BLOCK.
4. PENETRATIONS OF THE AIR BARRIER SYSTEM SHALL BE SEAL WITH SIKAFLEX® 11FC SEALANT TO MAINTAIN THE INTEGRITY OF THE AIR BARRIER SYSTEM OVER THE ENTIRE SURFACE.
5. REFER TO SIKA TECHNICAL DATA SHEETS AND GUIDE SPECIFICATIONS FOR RECOMMENDED INSTALLATION PROCEDURES AND COMPATIBLE SEALANTS.
6. DETAIL REPRESENTS GENERAL ARRANGEMENT OF MATERIALS AND ASSEMBLIES. PROJECT SPECIFICATIONS GOVERN. DO NOT SCALE.

JOBSITE NAME: BASE OF WALL DETAIL

SICA USA
1-800-933-SIKA (7452)
www.sikausa.com

SCALE: N.T.S.
DATE: 3/9/18
FILE NO.: DRW. NO.: AB-6

AS A MANUFACTURER OF CONSTRUCTION PRODUCTS, SIKA CORPORATION PROVIDES GENERIC DETAILS AS A GENERAL GUIDE FOR INFORMATION PURPOSES ONLY. THESE DETAILS ARE NOT INTENDED TO REPLACE SOUND ENGINEERING AND ARCHITECTURAL PRACTICES AND SHOULD NOT BE RELIED UPON FOR THAT PURPOSE. SIKA CORPORATION ASSUMES NO LIABILITY WITH RESPECT TO THE DESIGN OF THE SYSTEM. THE ARCHITECT, CONSULTANT AND/OR ENGINEER OR DESIGN PROFESSIONAL FOR A PARTICULAR PROJECT BEARS THE SOLE RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FOR THE PREPARATION AND APPROVAL OF THE PROJECT SPECIFICATIONS, DETAILS AND SHOP DRAWINGS, AND FOR DETERMINING THEIR SUITABILITY FOR A PARTICULAR PROJECT OR APPLICATION. WHILE SIKA PROVIDES GENERAL INSTRUCTIONS FOR THE INSTALLATION OF ITS MATERIALS, THE MUD AND METHODS USED BY THE CONTRACTOR FOR MATERIAL STORAGE, SUBSTRATE EVALUATION, SURFACE PREPARATION, AND THE INSTALLATION OF BOTH SIKA AND NON-SIKA MATERIALS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON SIKA PRODUCT LABELS, TECHNICAL DATA SHEETS, AND MATERIAL SAFETY DATA SHEETS AVAILABLE AT WWW.SIKAUSA.COM. SIKA CORPORATION MAKES NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, AS TO THE CONTENT OF THIS GUIDE DETAIL. SIKA SHALL NOT BE RESPONSIBLE UNDER ANY LEGAL THEORY TO ANY THIRD PARTY FOR ANY DIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND ARISING FROM THE USE OF THIS GUIDE DETAIL. ALL PRODUCTS AND SERVICES PROVIDED BY SIKA CORPORATION ARE SUBJECT TO ITS TERMS AND CONDITIONS OF SALE AVAILABLE AT WWW.SIKAUSA.COM.
CORRECT DAMAGED AREAS OF MEMBRANE WITH LIBERAL APPLICATION OF SIKAGARD® LIQUID AIR BARRIER APPLIED OVER THE DAMAGED AREA. CORRECT DAMAGE TO THE SUBSTRATE AS PER THE TECHNICAL DATA SHEET, SEE ACCEPTABLE SUBSTRATE CONDITIONS.

TREAT JOINTS BETWEEN SHEATHING BOARD PANELS WITH A BEAD OF SIKAFLEX® 111 FC SEALANT. TREAT JOINTS GREATER THAN 1/4 INCH WIDE WITH A STRIP OF Sika Membran® 540 OR Sika Multiseal® 510 TAPE.

TREAT OUTSIDE CORNERS WITH A STRIP OF SELF-ADHERING TRANSITION MEMBRANE EXTENDING A MINIMUM OF 3 INCHES ON EITHER SIDE OF THE CORNER DETAIL.
SIKAFLLEX® 11FC SEALANT
OR SIKAFLLEX® 102
EVERFLASH MEMBRANE

SIKAGARD® LIQUID AIR BARRIER

SHEATHING BOARD

SUBSTRATE

SIKAGARD® LIQUID AIR BARRIER

SIKA MEMBRAN® 340 OR
SIKA MULTISEAL® 515 SELF-ADHERED
TRANSITION TAPE AND PRIMER

(SIKAFLEX® 11FC MAY BE USED IF GAP < 1/8" AND
EDGES ARE SUITABLE FOR SEALANT)

NOTE
1) SIKAFLLEX®11FC IS
SUITABLE TO FILL THE JOINT
AS LONG AS THE SUBSTRATE
IS SUITABLE.
(REFERENCE PDS FOR
SUBSTRATE REQUIREMENT)

SHEATHING BOARD

FRAMING SYSTEM

CONCRETE BLOCK

CHANGE IN PLANE
STATIC JOINT DETAIL

1-800-933-SIKA (7452)
WWW.SIKAUSS.COM

JOB NAME:

DETAIL TITLE

SCALE: N.T.S. DATE: 3/9/18 FILE NO. DRW. NO. AB-8

AS A MANUFACTURER OF CONSTRUCTION PRODUCTS, SIKA CORPORATION PROVIDES GENERIC DETAILS AS A GENERAL GUIDE FOR INFORMATION PURPOSES ONLY. THESE DETAILS ARE NOT INTENDED TO REPLACE SOUND ENGINEERING AND ARCHITECTURAL PRACTICES AND SHOULD NOT BE RELIED UPON FOR THAT PURPOSE. SIKA CORPORATION ASSUMES NO LIABILITY WITH RESPECT TO THE DESIGN OF THE SYSTEM. THE ARCHITECT, CONSULTANT AND/or ENGINEER OR DESIGN PROFESSIONAL FOR A PARTICULAR PROJECT BEARS THE SOLE RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FOR THE PREPARATION AND APPROVAL OF THE PROJECT SPECIFICATIONS, DETAILS AND SHOP DRAWINGS, AND FOR DETERMINING THEIR SUITABILITY FOR A PARTICULAR PROJECT OR APPLICATION. WHILE SIKA PROVIDES GENERAL INSTRUCTIONS FOR THE INSTALLATION OF ITS MATERIALS, THE MEANS AND METHODS USED BY THE CONTRACTOR FOR MATERIAL STORAGE, SUBSTRATE EVALUATION, SURFACE PREPARATION AND THE INSTALLATION OF BOTH SIKA AND NON-SIKA MATERIALS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON SIKA PRODUCT LABELS, TECHNICAL DATA SHEETS, AND MATERIAL SAFETY DATA SHEETS AVAILABLE AT WWW.SIKAUSA.COM. SIKA CORPORATION MAKES NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, AS TO THE CONTENT OF THIS GUIDE DETAIL. SIKA SHALL NOT BE RESPONSIBLE UNDER ANY LEGAL THEORY TO ANY THIRD PARTY FOR ANY DIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND ARISING FROM THE USE OF THIS GUIDE DETAIL. ALL PRODUCTS AND SERVICES PROVIDED BY SIKA CORPORATION ARE SUBJECT TO ITS TERMS AND CONDITIONS OF SALE AVAILABLE AT WWW.SIKAUSA.COM.
NOTE
1) SikaFlex® sealant may be used if bonded edge is masonry, the joint is properly designed and the allowable movement of the sealant is considered.
SHEATHING BOARD SUBSTRATE

SIKAGARD® LIQUID AIR BARRIER

SIKAFLLEX® 11FC SEALANTS

PROVIDE STEEL FRAMING OR WOOD BLOCKING TO BRACE AND SUPPORT PENETRATING MATERIALS AND EQUIPMENT.

PROVIDE SOLID BLOCKING TO SUPPORT EQUIPMENT, MATERIALS, PIPES AND DUCT WORK PENETRATING SHEATHING BOARD.

INSTALL SELF-ADHERED MEMBRANE AROUND PENETRATION AND EXTEND ONTO SUBSTRATE.

CUT AND FIT SELF-ADHERED MEMBRANE FLANGE TO COVER AROUND PENETRATION.

APPLY SEALANT TO EXPOSED EDGES.

NOTE

1) IF GAP BETWEEN THE PENETRATION AND THE SUBSTRATE IS GREATER THAN 1/4" OR LESS THAN 3/4" USE SIKA MEMBRANE® S40 OR SIKA MULTISEAL® S19