COMPOSITE METAL PANEL SYSTEM (BY OTHERS)

CONTINUOUS SMARTci 4" SEALING TAPE OVER ALL GREENGIRTS AND OVER ALL PANEL JOINTS, TYP.

GREENGIRTS ATTACHED TO SUBSTRATE, SPACING AS REQUIRED PER LOADING CONDITIONS AND CODES, MAX. 1/4" SHIMS WHERE REQ'D

OPTIONAL CAVITY BATT INSULATION (BY OTHERS)

SMARTci CUSTOM-PROFILED RIGID INSULATION, WITH SPLINES AT ALL VERT. JOINTS

OPTIONAL INTERIOR VAPOR RETARDER (BY OTHERS)

VARIES

SMARTci+ System

@ SHEATHED WALLS: APPROVED 1/4"-14 LOW-PROFILE FASTENERS, MAX. 16" O.C.; MUST FASTEN INTO STUDS, TYP. (BY OTHERS)

@ MASONRY WALLS: APPROVED 1/4" LOW-PROFILE THREADED AND COATED MASONRY FASTENERS, MAX. 16" O.C., TYP. (BY OTHERS)

SHEATHING ON METAL (OR WOOD) FRAMING / MASONRY WALL ASSEMBLY (BY OTHERS)
NOTE: REQUIRED ACCESSORIES AND METAL FLASHINGS MUST BE USED WITH THIS SYSTEM. THESE COMPONENTS CAN BE MANUFACTURED AND / OR PROVIDED BY ADVANCED ARCHITECTURAL PRODUCTS, OR BY THE CUSTOMER. THEY ARE NOT OPTIONAL, AND ARE NECESSARY FOR THE PROPER INSTALLATION AND FUNCTION OF THE SYSTEM.

PLEASE CONTACT AN A2P SALES REPRESENTATIVE WITH ANY QUESTIONS, FOR PRICING INFORMATION, OR TO INQUIRE ABOUT CUSTOM-SIZED METAL FLASHINGS AND ACCESSORIES.

GREENGIRTS AND CUSTOM-PROFILED RIGID INSULATION PANELS ARE PROVIDED FOR THIS PROJECT AS A THERMALLY-BROKEN COMPOSITE SUB-FRAMING SYSTEM AND CONTINUOUS INSULATION. THIS SYSTEM DOES NOT INCLUDE MOISTURE DRIVE DESIGN OR VAPOR BARRIER DESIGN AND PLACEMENT. WEATHER PROOFING, RESISTANCE AND / OR WATER TIGHTNESS IS THE SOLE RESPONSIBILITY OF OTHERS. PROPER FLASHINGS & COUNTER FLASHINGS MUST BE INSTALLED BY OTHERS, AND IT IS RECOMMENDED THAT PROVEN CONSTRUCTION BEST PRACTICES BE FOLLOWED AT ALL TIMES.

DO NOT INSTALL ANY A2P PRODUCT UNLESS CARE HAS BEEN TAKEN TO REVIEW ALL OF THE DOCUMENTS RELEVANT TO THE PRODUCT INSTALLATION, AND PROPER TRAINING HAS BEEN COMPLETED.

ALWAYS DEFAULT TO ARCHITECT'S DETAILS AND DESIGN INTENT: DETAILS ARE PROVIDED FOR INFORMATION ONLY, AS IT PERTAINS TO INSTALLING GREENGIRT. SPECIFIC PROJECT ENGINEERING (BY OTHERS) WILL ADDRESS ATTACHMENT SPACING, ORIENTATION AND LOADING. ALWAYS REVIEW LOADING REQUIREMENTS WITH THE PROJECT ENGINEER, AND USE APPROPRIATE FASTENERS AND SPACING.

USE PLASTIC HORSESHOE SHIMS WHERE REQUIRED TO ACHIEVE 4 1/16" DEFLECTION. MAX. SHIM DEPTH IS 1/4". USE SPRAY FOAM AT ALL VOIDS TO ENSURE CONTINUOUS INSULATION. DO NOT USE IMPACT HAMMERS, IMPACT DRILLS OR SIMILAR TOOLS TO INSTALL GREENGIRT.

ADVANCED ARCHITECTURAL PRODUCTS MAKES NO CLAIMS OR GUARANTEES ABOUT ANY ITEMS MANUFACTURED BY OTHERS. ADVANCED ARCHITECTURAL PRODUCTS IS NOT RESPONSIBLE FOR QUANTITIES ORDERED. RECOMMENDED QUANTITIES MUST BE VERIFIED AND ARE THE RESPONSIBILITY OF THE CUSTOMER. REFER TO THE SMARTci INSTALLATION GUIDE FOR DIRECTIONS AND MORE INFORMATION.
CONTINUOUS SMARTci 4" SEALING TAPE OVER ALL GREENCIRTS AND OVER ALL PANEL JOINTS, TYP.

GREENCIRTS ATTACHED TO SUBSTRATE; SPACING AS REQUIRED PER LOADING CONDITIONS AND CODES

SMARTci™ CUSTOM-PROFILED RIGID INSULATION, WITH SPLINES AT ALL VERT. JOINTS

VARY

OVER OPEN FRAMING, FILL ALL INTERIOR SMARTci VODS WITH APPROVED EXPANDABLE SEALANT, TYP.

APPROVED 1/4-14 LOW-PROFILE FASTENERS DIRECTLY INTO STUDS, MAX. 16" O.C., TYP. (BY OTHERS)

OPTIONAL CAVITY BATT INSULATION (BY OTHERS)

OPTIONAL INTERIOR VAPOR RETARDER (BY OTHERS)

OPEN METAL (OR WOOD) FRAMING (BY OTHERS)
SMARTci+ System

www.SMARTciSystems.com  1 (269) 355-1818

SUBSTRATE: OPEN FRAMING
CLADDING: ACM PANEL
DATE: 03-10-2017
SIMPLE-Z SIZE: 200
ORIT ORIENTATION: HORIZONTAL

PARAPET DETAIL
NOT TO SCALE
ADVANCED ARCHITECTURAL PRODUCTS

DETAILS ARE PROVIDED FOR INFORMATION ONLY, AND ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFIC PROJECT ENGINEERING GUIDELINES WILL ADDRESS ATTACHMENT SPACING, ORIENTATION AND LOADING. REFER TO ASP DESIGN GUIDE FOR SEALANT REQUIREMENT.

SMARTci CUSTOM-PROFILE: RIGID INSULATION, WITH SPLINES AT ALL VERT. JOINTS

CONTINUOUS SMARTci 4" SEALING TAPE OVER ALL GREENCORT AND OVER ALL PANEL JOINTS, TYP.

RECOMMENDED: AN OCCASIONAL OR CONTINUOUS BEAD OF SEALANT TO RETAIN STARTER PANELS, TYP.

TYP.: ADD A BEAD OF SEALANT BEHIND, ON GREENCORT, AND TAPE OVER ALL FLASHINGS ATTACHED TO SMARTci (BY OTHERS)

OPEN METAL (OR WOOD) STUD FRAMING (BY OTHERS)

APPROVED 1/4-14 LOW-PROFILE FASTENERS DIRECTLY INTO STUDS, MAX. 16" O.C., TYP. (BY OTHERS)

GREENCORTS ATTACHED TO OPEN FRAMING, SPACING AS REQUIRED PER LOADING CONDITIONS AND CODES

TWO 2" MIN. CONTINUOUS HORIZ. BEADS OF APPROVED SEALANT ON AND ONE CONTINUOUS HORIZ. BEAD BEHIND ALL BASE ANGLES, TYP.

1/2" EXPANDABLE SEALANT

F3 17

FOUNDATION

SUBSTRATE: OPEN FRAMING
CLADDING: ACM PANEL
DATE: 03-10-2017
SIMPLE-Z SIZE: 200
OFT ORIENTATION: HORIZONTAL

NOT TO SCALE
SMARTci CUSTOM-PROFILED RIGID INSULATION, WITH SPLINES AT ALL VERT. JOINTS

CONTINUOUS SMARTci 4" SEALING TAPE OVER ALL GREEENGIRT AND OVER ALL PANEL JOINTS, TYP.

RECOMMENDED: AN OCCASIONAL OR CONTINUOUS BEAD OF SEALANT TO RETAIN STARTER PANELS, TYP.

OPEN METAL (OR WOOD) STUD FRAMING (BY OTHERS)

GREEENGIRTS ATTACHED TO SUBSTRATE, SPACED AS REQUIRED PER LOADING CONDITIONS AND CODES

APPROVED 1/4-14 LOW-PROFILE FASTENERS DIRECTLY INTO STUDS, MAX. 16" O.C., TYP. (BY OTHERS)

LAP 4" SMARTci SEALING TAPE MIN. 1 1/2" INTO OPENINGS. TYP.

1/2" EXPANDABLE SEALANT

TWO 2" MIN. CONTINUOUS HORZ. BEADS OF APPROVED SEALANT ON AND ONE CONTINUOUS HORZ. BEAD BEHIND ALL HEADER ANGLES, TYP.
OPEN METAL (OR WOOD) STUD FRAMING (BY OTHERS)

APPROVED 1/4"-14 LOW-PROFILE FASTENERS DIRECTLY INTO STUDS, MAX. 16" O.C., TYP. (BY OTHERS)

GREENGIRTS ATTACHED TO OPEN FRAMING; SPACING AS REQUIRED PER LOADING CONDITIONS AND CODES

SMARTci CUSTOM-PROFILED RIGID INSULATION, WITH SPLINES AT ALL VERT. JOINTS

CONTINUOUS SMARTci 4" SEALING TAPE OVER ALL GREENGIRTS AND OVER ALL PANEL JOINTS, TYP.

SMARTci+ SYSTEM

SMARTci CUSTOM-PROFILED RIGID INSULATION, WITH SPLINES AT ALL VERT. JOINTS

SUBSTRATE OPEN FRAMING

SMARTci+ SYSTEM

CLADDING: ACM PANEL

DATE: 03-10-2017

SIMPLE-Z SIZE: 200

GIRT ORIENTATION: HORIZONTAL

JAMB DETAIL

NOT TO SCALE
LAP 4" SMARTci SEALING TAPE MIN. 1½" INTO OPENINGS, TYP.

CUSTOM FIELD-CUT SMARTci RIGID INSULATION PANEL, TO FIT BELOW SILL ANGLE

CONTINUOUS SMARTci 4" SEALING TAPE OVER ALL GREENCORT AND OVER ALL PANEL JOINTS, TYP.

GRENCCORTS ATTACHED TO OPEN FRAMING; SPACING AS REQUIRED PER LOADING CONDITIONS AND CODES

SMARTci CUSTOM-PROFILED RIGID INSULATION, WITH SPLINES AT ALL VERT. JOINTS

1/2" EXPANDABLE SEALANT

TWO 1/2" MIN. CONTINUOUS HORIZ. BEADS OF APPROVED SEALANT ON AND ONE CONTINUOUS HORIZ. BEAD BEHIND ALL SILL ANGLES, TYP.

OPEN METAL (OR WOOD) STUD FRAMING (BY OTHERS)

APPROVED 1/4-14 LOW-PROFILE FASTENERS DIRECTLY INTO STUDS, MAX. 16" O.C., TYP. (BY OTHERS)
NOTE: Required accessories and metal flashings must be used with this system. These components can be manufactured and/or provided by Advanced Architectural Products, or by the customer. They are not optional, and are necessary for the proper installation and function of the system.

Please contact an A2P sales representative with any questions, for pricing information, or to inquire about custom-sized metal flashings and accessories.

Greenports and custom-profiled rigid insulation panels are provided for this project as a thermally-broken composite sub-framing system and continuous insulation. This system does not include moisture drive design or vapor barrier design and placement. Weatherproofing, resistance and/or water tightness is the sole responsibility of others. Proper flashings & counter flashings must be installed by others, and it is recommended that proven construction best practices be followed at all times.

Do not install any A2P product unless care has been taken to review all of the documents relevant to the product installation, and proper training has been completed.

Always default to architect's details and design intent. Details are provided for information only, as it pertains to installing greenport. Specific project engineering (by others) will address attachment spacing, orientation and loading. Always review loading requirements with the project engineer, and use appropriate fasteners and spacing.

Use plastic horseshoe shims where required to achieve ± 1/16" deflection; max. shim depth is 1/4". Use spray foam at all voids to ensure continuous insulation. Do not use impact hammers, impact drills or similar tools to install greenports.

Advanced Architectural Products makes no claims or guarantees about any items manufactured by others. Advanced Architectural Products is not responsible for quantities ordered. Recommended quantities must be verified and are the responsibility of the customer. Refer to the SMARTci installation guide for directions and more information.