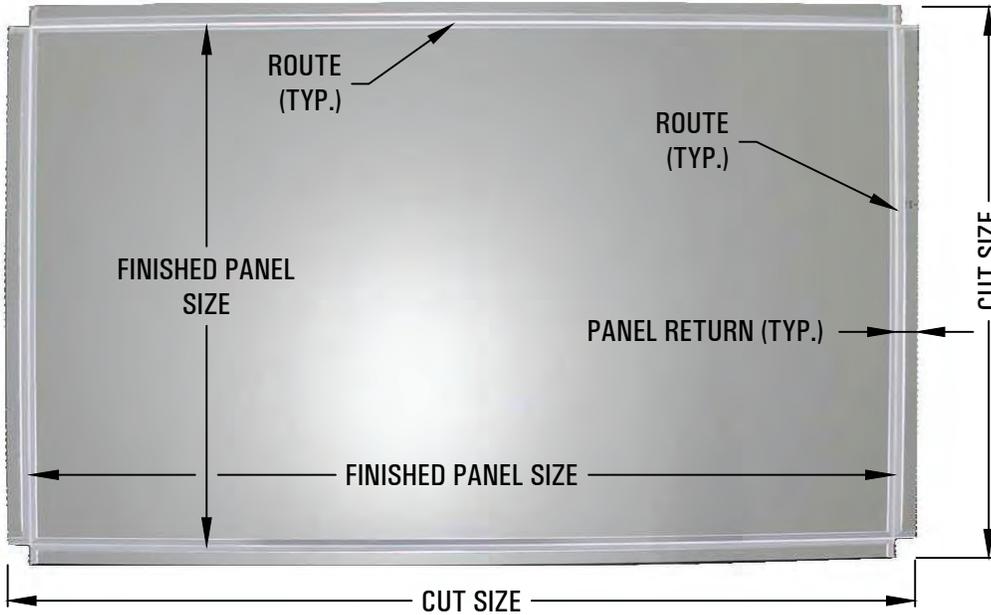
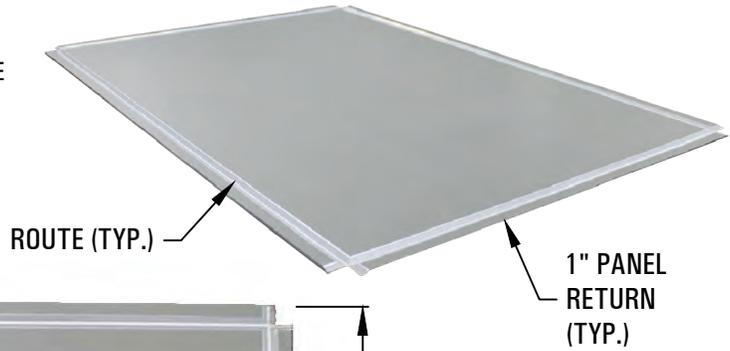


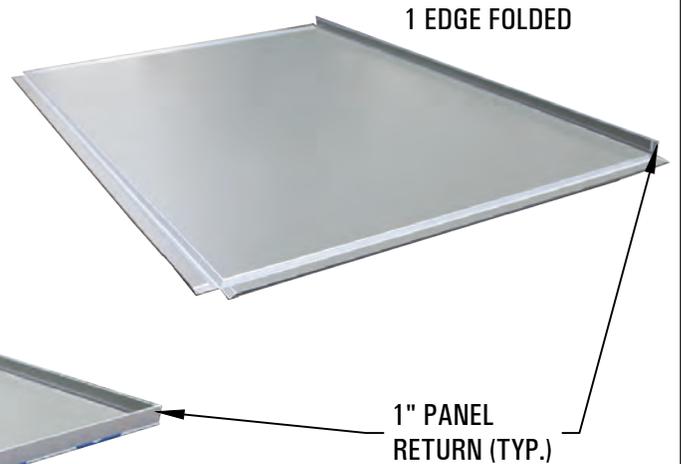
# UNIVERSAL COMPOSITE PANEL SYSTEMS

1. USING UCPS AND THE ACM MANUFACTURER'S RECOMMENDATIONS, ROUTE THE ACM PANEL, ALLOWING FOR 1" PANEL RETURNS, PERFORMED OVER A WORKSPACE THAT WILL PROPERLY PROTECT THE PANEL'S FINISHED SURFACE. SEE BELOW FOR A TYPICAL FLATTENED LAYOUT.



2. USE A CUSTOM PANEL FOLDING TOOL, BREAK, OR JIG, ALL WITH PROPER PROTECTION TO THE FINISHED SIDE OF THE PANEL, TO FOLD EACH RETURN APPROPRIATELY.

ALL EDGES FOLDED



## SERIES 1000 RAINSCREEN (RS) FABRICATION INSTRUCTIONS



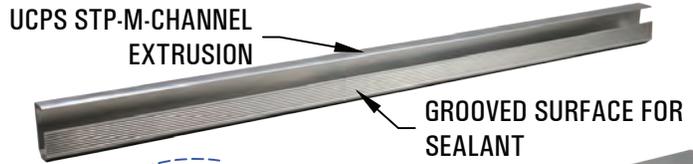
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DATE:	7/1/25
SCALE:	N.T.S.
MATERIAL(S):	ACM

DETAIL
<b>1</b>

# UNIVERSAL COMPOSITE PANEL SYSTEMS

3. CUT THE UCPS STP-M-CHANNEL EXTRUSIONS TO SIZE. (THE EXTRUSION LENGTH IS THE FINISHED PANEL SIZE; LESS 1.75" +/- OVERALL AT EACH PANEL CORNER IN ORDER FOR THE EXTRUSIONS TO PROPERLY MEET.)

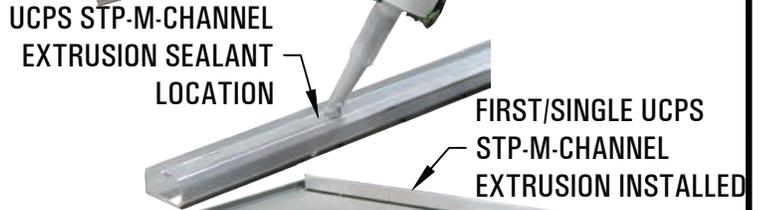


4. CONFIGURE AND DRILL 13/64" ROUND WEEP HOLES STARTING 4" FROM EACH END OF THE PANEL, AND BE SPACED NO MORE THAN 20" O.C. MAXIMUM SPACING, ON ALL TOP AND BOTTOM PERIMETER UCPS STP-M-CHANNEL EXTRUSIONS OF EACH PANEL.



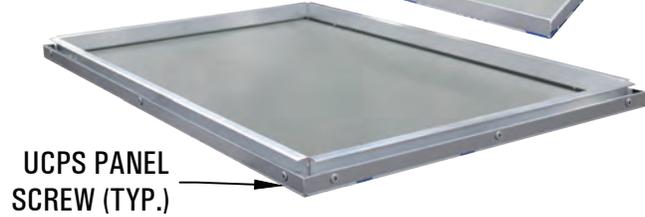
NOTE: THIS STEP DOES NOT APPLY TO THE UCPS SERIES 1000 WET SEAL (WS) SYSTEM.

5. APPLY A COMPATIBLE / SUITABLE SEALANT TO THE GROOVED SURFACE ALONG THE ROUTE & RETURN LEG OF THE PERIMETER UCPS STP-M-CHANNEL EXTRUSION, CENTER ALONG THE BACK SIDE OF THE 1" RETURN, AND APPROPRIATELY CLAMP IN PLACE WHILE PROTECTING THE FINISHED SIDE OF THE PANEL.

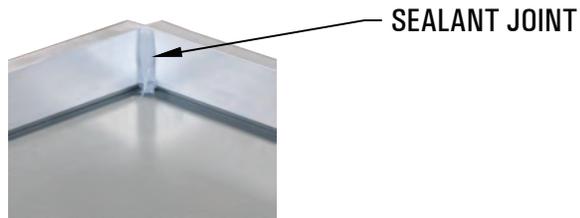


NOTE: THE SEALANT SHOULD BE COMPRESSED EVENLY AND CONSISTENTLY BETWEEN THE EXTRUSION AND THE INSIDE OF THE PANEL LEG WHEN INSTALLED.

6. FASTEN THE UCPS STP-M-CHANNEL EXTRUSION TO THE PANEL. UCPS PANEL SCREWS SHOULD START NO MORE THAN 2" FROM EACH END OF THE PANEL, AND BE SPACED NO MORE THAN 16" O.C. MAXIMUM SPACING FOR ALL UCPS PANEL SCREWS.



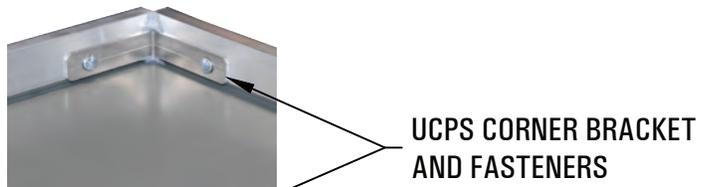
7. APPLY A COMPATIBLE / SUITABLE SEALANT TO THE INSIDE VERTICAL CORNERS WHERE (2) UCPS STP-M-CHANNEL EXTRUSIONS MEET. MAKE SURE TO SEAL FROM THE BACK-FACE OF THE PANEL TO THE BOTTOM OF THE PERIMETER UCPS STP-M-CHANNEL EXTRUSION.



REPEAT STEPS 5-7 FOR EACH REMAINING SIDES.

NOTE: THIS STEP DOES NOT APPLY TO THE UCPS SERIES 1000 WET SEAL (WS) SYSTEM.

8. PLACE A UCPS CORNER BRACKET AT EVERY INSIDE CORNER SO THAT IT RESTS SLIGHTLY ABOVE THE BACK FACE OF THE PANEL, AND SECURE WITH (2) UCPS FASTENERS.



AS AN OPTION, YOU CAN USE A UCPS CORNER BRACKET AS A SPACER TO EASILY PLACE THE BRACKET SLIGHTLY ABOVE THE BACK FACE OF THE PANEL.



## SERIES 1000 RAINSCREEN (RS) FABRICATION INSTRUCTIONS CONT'D



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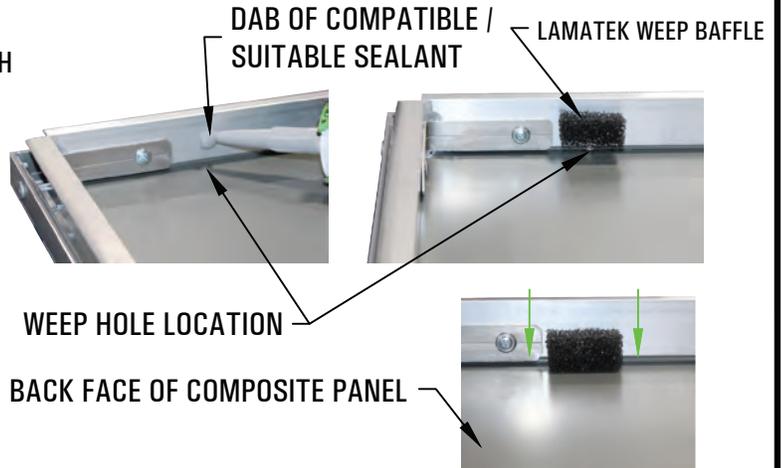
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MATERIAL(S):	UCPS & ACM

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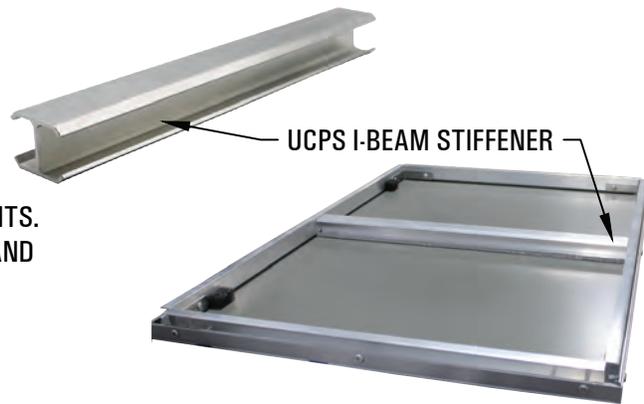
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# UNIVERSAL COMPOSITE PANEL SYSTEMS

9. USE A COMPATIBLE / SUITABLE SEALANT TO INSTALL A LAMATEK WEEP BAFFLE IN PLACE AT EACH WEEP LOCATION ON THE TOP UCPS STP-M-CHANNEL EXTRUSIONS, ONLY. APPLY A DAB OF COMPATIBLE / SUITABLE SEALANT HALFWAY UP THE EXTRUSION, ABOVE THE WEEP HOLE LOCATIONS. THEN, APPLY THE LAMATEK BAFFLE DIRECTLY TO THE DAB OF COMPATIBLE / SUITABLE SEALANT, AND SLIDE THE LAMATEK WEEP BAFFLE DOWN SO THAT IT IS FLUSH TO THE BACK FACE OF THE COMPOSITE PANEL, CENTERED OVER AND DIRECTLY BELOW THE WEEP HOLES WITHIN THE UCPS STP-M-CHANNEL EXTRUSION.

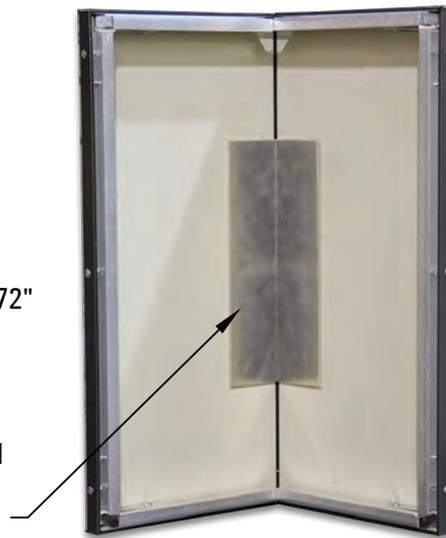


10. IF REQUIRED, BASED ON THE SIZE OF THE COMPOSITE PANEL AND/OR THE PROJECT REQUIREMENTS, PRIME, TAPE AND USE A COMPATIBLE / SUITABLE SEALANT TO INSTALL A UCPS I-BEAM STIFFENER IN PLACE PER THE AHJ, ARCHITECT, OR STRUCTURAL ENGINEER'S RECOMMENDATIONS AND/OR REQUIREMENTS. MAKE SURE TO USE COMPATIBLE / SUITABLE PRIMER AND 3M™ VHB™ 4910 DOUBLE-SIDED TAPE FOR ALL UCPS I-BEAM STIFFENER INSTALLATIONS.



NOTE: UCPS I-BEAM STIFFENERS MUST BE KEPT A MINIMUM OF 6" AWAY FROM THE INTERNAL WEEP PATHS.

11. FOR CORNER PANELS ONLY, ATTACH A REINFORCING UCPS CORNER ANGLE, CENTERED ON PANELS 36" - 72" LONG, WITH COMPATIBLE / SUITABLE PRIMER AND 3M™ VHB™ 4910 DOUBLE-SIDED TAPE AND A COMPATIBLE / SUITABLE SEALANT. FOR PANELS LARGER THAN 72" LONG, EQUALLY SPACE REINFORCING UCPS CORNER ANGLES NO MORE THAN 36" O.C..



FOR CORNER PANELS LISTED WITHIN STEP 11 ONLY, ATTACH A REINFORCING UCPS CORNER ANGLE WITH COMPATIBLE / SUITABLE PRIMER AND AND 3M™ VHB™ 4910 VHB DOUBLE SIDED AND A COMPATIBLE / SUITABLE SEALANT, TYPICAL

## SERIES 1000 RAINSCREEN (RS) FABRICATION INSTRUCTIONS CONT'D



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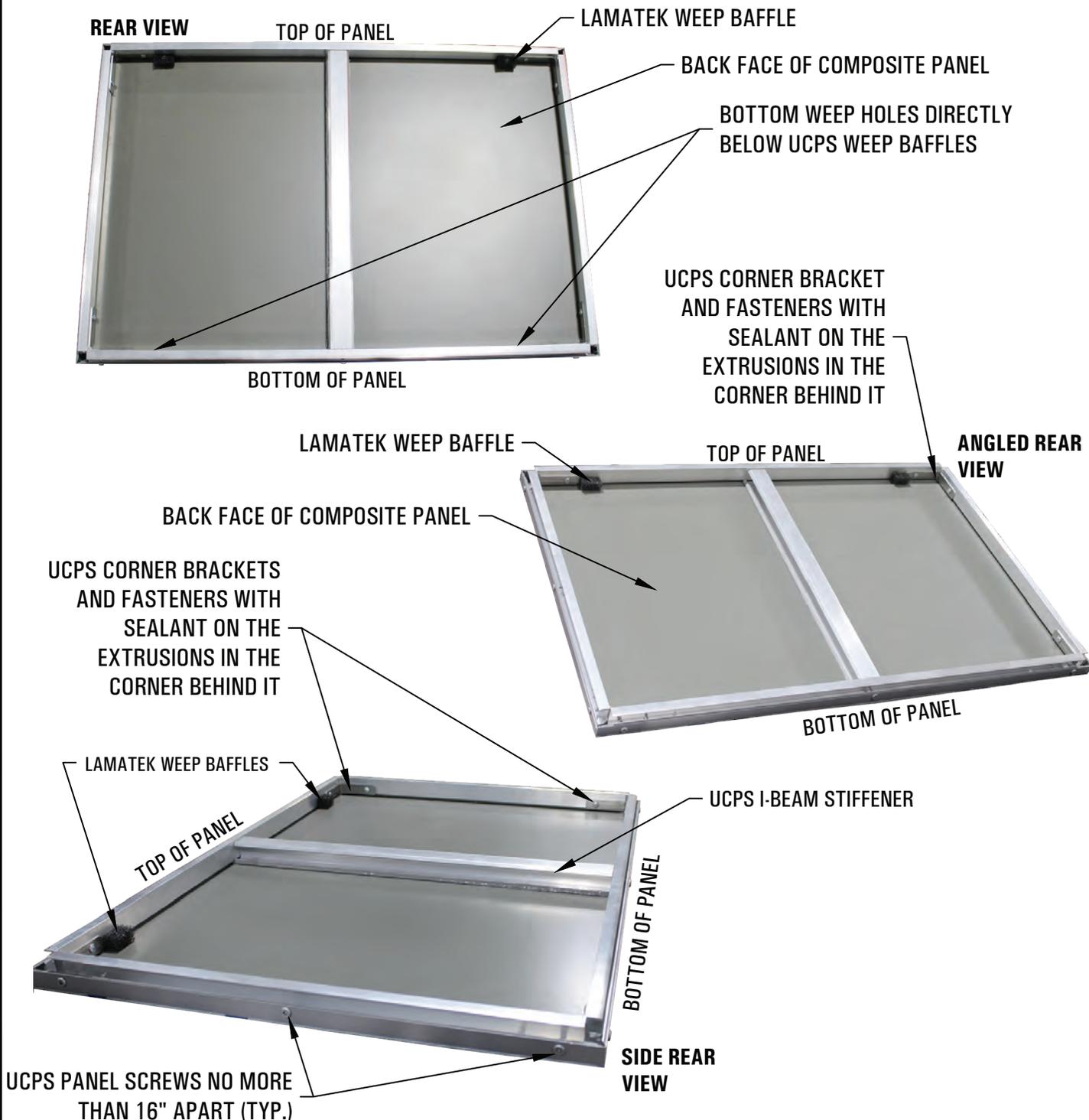
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MATERIAL(S):	UCPS & ACM

DETAIL

**3**

# UNIVERSAL COMPOSITE PANEL SYSTEMS

## COMPLETED PANEL VIEWS:



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DETAIL
<b>4</b>