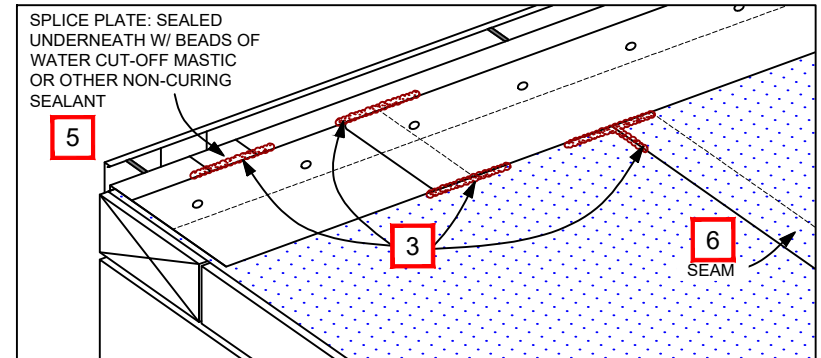
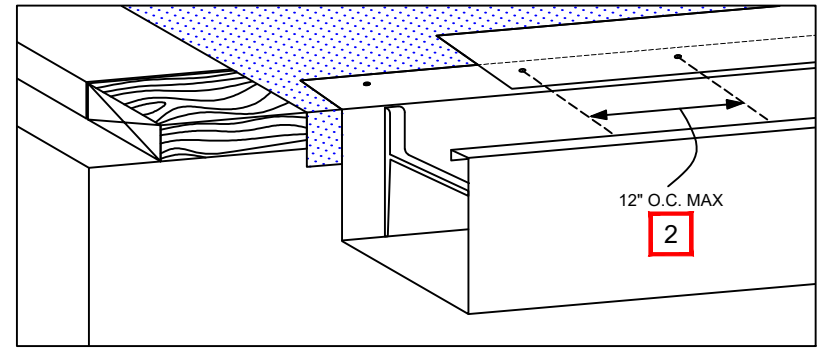
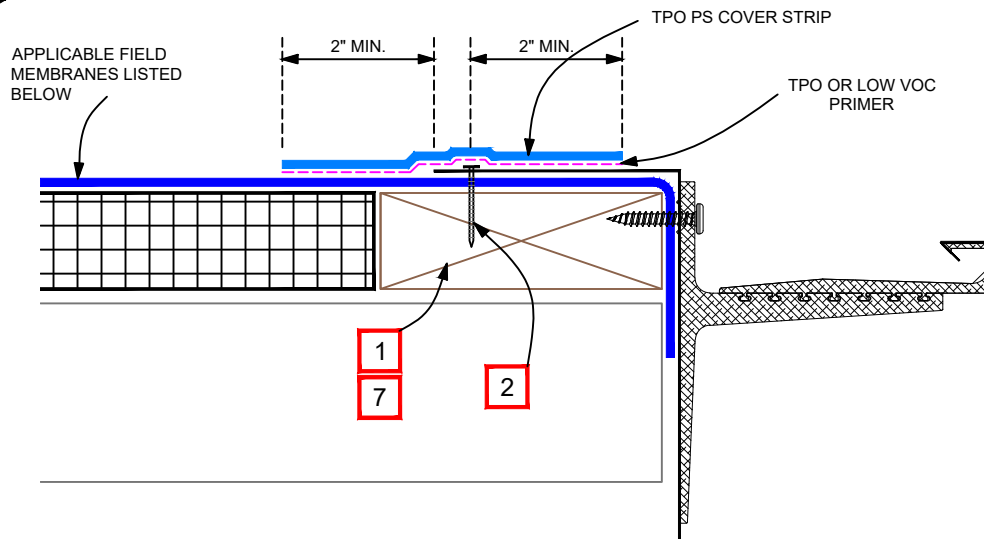




- 1** WOOD NAILERS (BY OTHERS) MUST BE SECURELY FASTENED. FACTORY MUTUAL'S PROPERTY LOSS PREVENTION DATA SHEET 1-49 IS A REFERENCE FOR SECUREMENT CRITERIA.
- 2** 1-1/4" RING SHANK NAILS FOR WOOD SUBSTRATE. THERE MUST BE NO BUCKLING OR BOWING OF THE FLANGE.
- 3** AT T-JOINTS AND METAL JOINTS, APPLY AND FEATHER UNIVERSAL SINGLE-PLY OR JTS 1 SEALANT AS SHOWN.
- 4** VARIOUS GUTTER W/ FLANGE OPTIONS ARE AVAILABLE FROM MULEHIDE. REFER TO THE APPROPRIATE INSTALLATION GUIDE FOR SPECIFIC INSTALLATION PROCEDURES AND REQUIREMENTS OF THE METAL.
- 5** WHEN SPLICE PLATES ARE NOT INCLUDED WITH METAL BY OTHERS, THE METAL MUST BE SUFFICIENTLY OVERLAPPED AND SEALED TO PREVENT MOISTURE FROM ENTERING THE ROOF SYSTEM.
- 6** WHEN USING TPO FLEECE BACK OR SELF-ADHERING MEMBRANE, END LAP SEAMS MUST BE OVERLAID WITH MIN. 6" WIDE TPO REINFORCED MEMBRANE. REFER TO DETAILS **TP-SM-C904**, **TP-SM-C905**, **TP-SM-C907**.
- 7** SUPPLEMENTAL WOOD NAILER CONDITIONS OCCUR ON METAL RETROFITS: REFER TO APPLICABLE DETAILS **TP-EM-C121**, **TP-EM-C122**, **TP-EM-C125**, OR **TP-EM-C126**.

APPLICABLE FIELD MEMBRANE (AND SYSTEMS)
 TPO REINFORCED (ADHERED) (MECHANICALLY ATTACHED) (INDUCTION WELDED)
 TPO FLEECE BACK (ADHERED) (MECHANICALLY ATTACHED)
 TPO SELF-ADHERING (ADHERED)

MULEHIDE

TPO : MULEHIDE GUTTER W/ FLANGE W/ TPO COVER STRIP

WHEN THE SYSTEM TYPE AND PROJECT DESIGN PERMIT, THIS DETAIL IS
 ACCEPTABLE FOR : **MAXIMUM 20 YEAR WARRANTY**

DETAIL NO.:
TP-EM-A120

REVISION DATE: 10/2/2026