

TECHNICAL BULLETIN

TARGET MARKET ROOFING



BUILDING TRUST



Subject: EMSEAL RoofJoint Expansion Joint

22-02

Sika Corporation – Roofing has approved the use of **EMSEAL RoofJoint** with Sika’s Sarnafil® and Sikaplan® roofing and waterproofing systems.

RoofJoint is a patented dual-seal, double-flanged, extruded nitrile PVC (NPVC) alloy system for sealing expansion joints in roofs, plaza assemblies and green roofs. Watertightness is achieved through positive integration with the roofing membrane and a purpose-designed system for transitioning between the joint in the roof and joints in walls.

RoofJoint incorporates a double-level flange that allows multi-layered, watertight integration with the roofing membrane. The lower flange is hot-air welded to the roof membrane alongside the joint opening. Termination bar and anchors are installed (included with the system) locking the flange to the roof decking or blocking. The upper flange counterflashes the termination bar and underlying membrane ensuring that penetrations made by the attachment of the termination bar are completely sealed. The upper flange is hot-air welded to the Sarnafil or Sikaplan membrane to complete the watertight detail. Please see the attached details.

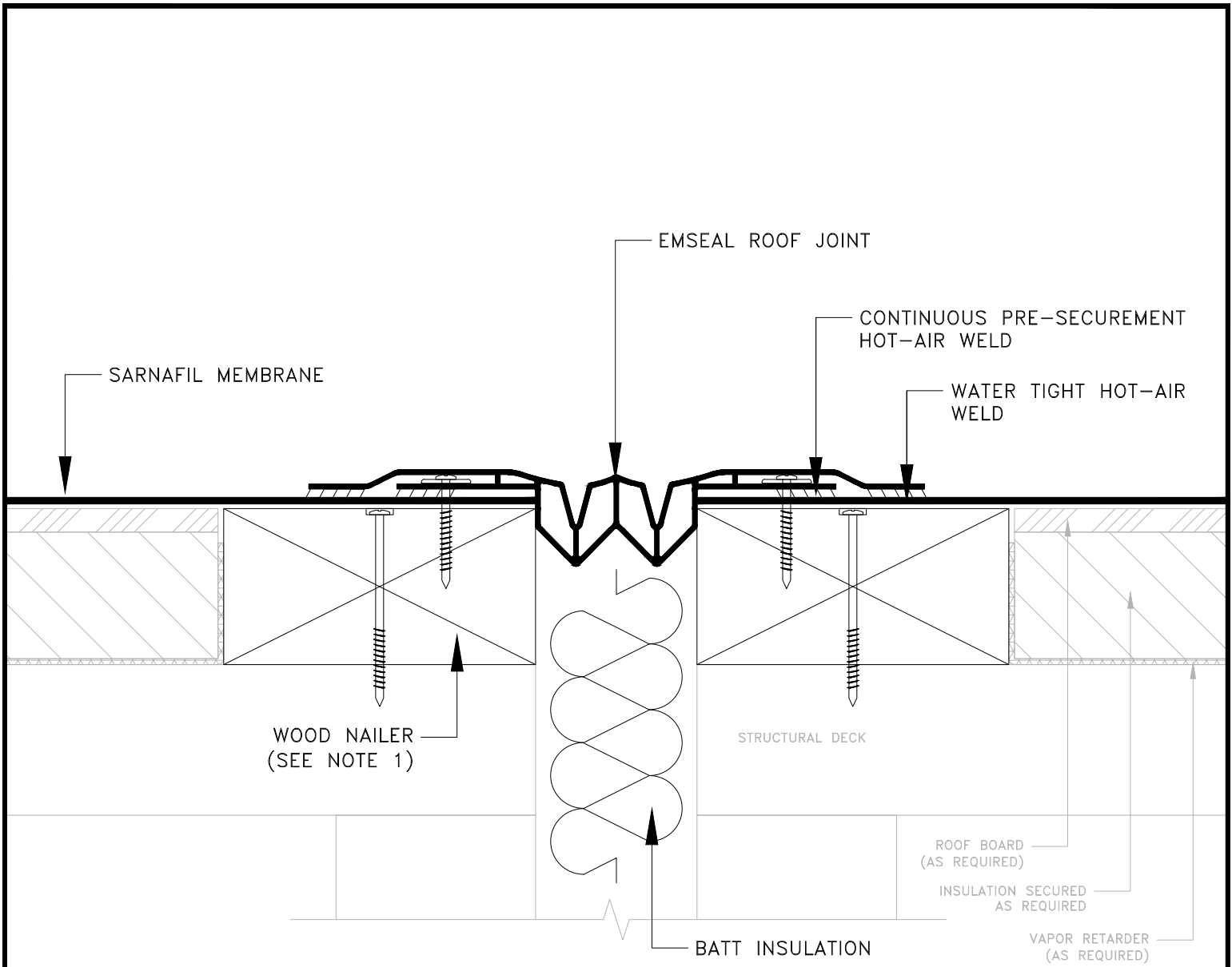


Emseal RoofJoint RJ-0400 Expansion Joint

The continuity of seal is critical in the performance of the expansion joint. Emseal offers factory-fabricated transitions pieces and closures to accommodate the most difficult details.

The Emseal RoofJoint expansion joint is eligible for inclusion in the Sika System warranty for up to 20 years.

For additional information, please [click here](#) or go to <https://www.emseal.com/product/roofjoint-roof-expansion-joint/>.



NOTES:

- 1) NEW OR EXISTING WOOD NAILERS SHALL BE ATTACHED ACCORDING TO THE D.O.R., LOCAL CODE, OR INSURANCE REQUIREMENTS, WHICHEVER IS MORE STRINGENT. NAILER HEIGHT TO MATCH TOP SURFACE TO WHICH MEMBRANE IS TO BE APPLIED.

EMSEAL ROOF JOINT

BUILDING TRUST
781-828-5400



JOB NAME:

SCALE:

N.T.S.

DATE:

07/22

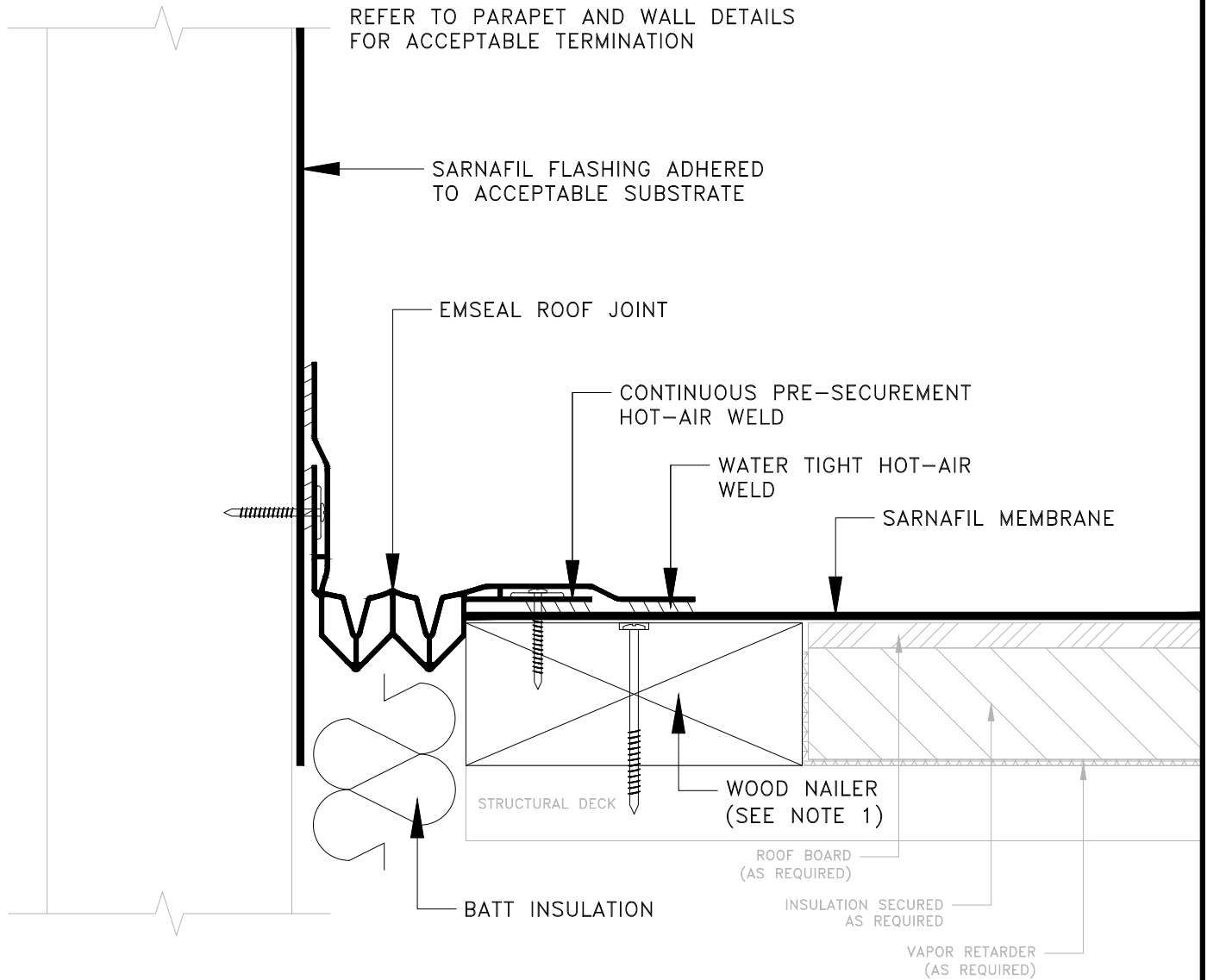
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4-5

DRW. NO.:

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AS A MEMBRANE MANUFACTURER, SIKA CORPORATION ("SIKA") REVIEWS DETAILS PREPARED BY THE CONSULTANT, ARCHITECT AND/OR ENGINEER FOR A PROJECT SOLELY FOR THE PURPOSE OF DETERMINING IF A SIKA WARRANTY MAY ISSUE FOR THE PROJECT. THIS REVIEW IS NOT TO BE CONSTRUED AS APPROVAL OF DETAILS BY SIKA AND IS NOT BEING CONDUCTED IN LIEU OF SOUND ENGINEERING AND ARCHITECTURAL PRACTICES AND JUDGMENT AND SHOULD NOT BE RELIED UPON FOR THAT PURPOSE. SIKA CORPORATION ASSUMES NO LIABILITY WITH RESPECT TO THE DESIGN OF THE ROOFING OR WATERPROOFING SYSTEM. THE ARCHITECT, CONSULTANT AND/OR ENGINEER OR DESIGN PROFESSIONAL FOR A PARTICULAR PROJECT BEARS THE SOLE RESPONSIBILITY FOR THE DESIGN OF THE ROOFING OR WATERPROOFING SYSTEM, FOR THE PREPARATION AND APPROVAL OF THE 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 MEMBRANE AS WELL AS TRAINING FOR SIKA AUTHORIZED APPLICATORS, THE MEANS AND METHODS USED BY THE CONTRACTOR FOR SURFACE PREPARATION AS WELL AS THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR IN THE INSTALLATION OF THE SIKA MEMBRANE ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL SALE OF SIKA PRODUCTS AND SERVICES ARE SUBJECT TO SIKA'S TERMS AND CONDITIONS OF SALE AVAILABLE AT USA.SARNAFIL.SIKA.COM.



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EMSEAL ROOF JOINT AT WALL

BUILDING TRUST
781-828-5400



JOB NAME:

SCALE:

N.T.S.

DATE:

07/22

FILE NO.:

4-4

DRW. NO.:

XXX

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