

# Technical Bulletin #12

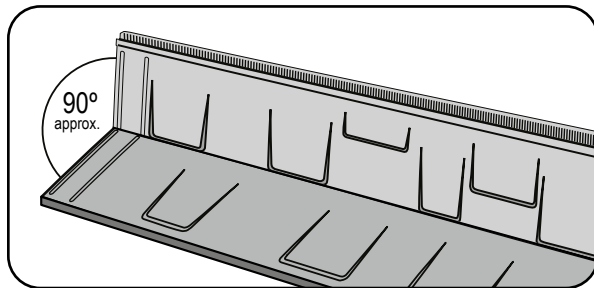
## REPAIR OF AN OPEN SIDE LAP (“FISH MOUTHING” OF SIDE LAP)

**Date Issued:** December 6, 2018

**Revision:** January, 2021

### General Information

Unified Steel™ stone coated roof product's GRANITE-RIDGE Shingle, requires the side lap of the shingle to be field formed to improve the effectiveness of the water infiltration protection. This forming requires an approximately ninety degree (90°) bend be created at the overlap side of the shingle as illustrated below.

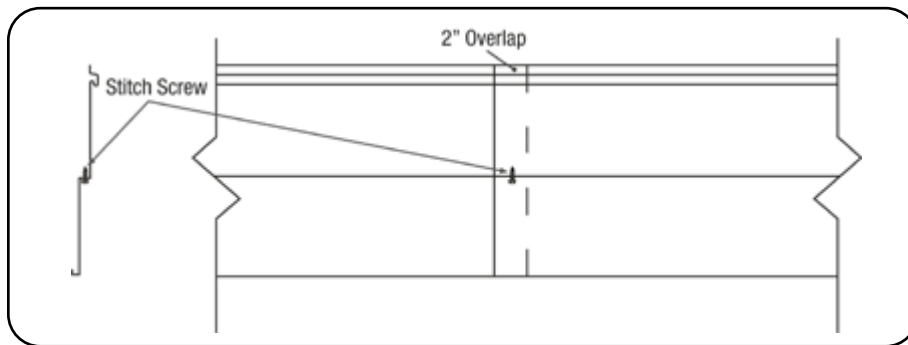


When this step is omitted, or insufficiently performed, the result is a side lap that is “open” that may allow water to be blown into the side lap more easily.

**WARNING!** When installing any panel except the first one of each course, it is *VERY* important to bend the shingle at the horizontal step feature to approximately 90 degrees. This is to insure a better fitting joint and to prevent “fish-mouthing” of the side lap. This detail is also illustrated in the GRANITE-RIDGE Shingle Install Guide.

### Remedy to “Open Side Laps”

For minor instances where a couple of side laps are open forming a “fish mouth” condition, the following repair can be made.



**WARNING!** This is not a recommendation for an entire roof installation and should only be used when there is a minor number of affected side laps.

1. Clean the surface well to allow for sealant adhesion.
2. Apply a small bead of polymer sealant along the full length of the joint. Ensure that the sealant is not exposed on the surface, outside of the joint.
3. Bring the panels back together.
4. Fasten the joint together by installing a 3/4" stitch screw into the upturn of the center rib.
5. Seal the head of the screw with polymer sealant.
6. Cover the sealant with granules and lightly press to embed the granules into the sealant.

Current Technical Bulletins are listed on our website at [WestlakeRoyalRoofing.com](http://WestlakeRoyalRoofing.com) and we reserve the right to amend or update these documents at any time.

© 2022 WRRS - 01/2022

Any questions regarding content or usage of our installation guides or code approvals should be directed to your local technical service representative. Please visit [WestlakeRoyalRoofing.com](http://WestlakeRoyalRoofing.com) or call customer service at 800.669.8453.

**Westlake**  
Royal Roofing Solutions™