

AES Raptor, LLC

Steep Slope Guardrail User Guide

Part # RB-SS-000-12
RB-SS-010-12
RB-SS-020-12

Questions:

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RB-SS-000(010,020)-12 Steep Slope Guard Rail Instructions:

General 1) Always erect and use in accordance with local, state and federal OSHA regulations. 2) Max roof pitch is 12/12. 3) Not an anchor point. 4) Roofing guardrails are meant for use by experienced tradesmen having full knowledge in its use. 5) An assessment by a Competent or Qualified Person must be made to determine that the structure the Residential Guardrail System is intended to be used with is capable of handling the forces it will be subjected to. Do not install into wood that is not structurally sound or any structure that is unable to provide a secure fastening location. 6) OSHA regulations require that employer provide training in the use and care of this product.

Mounting the RAIL bracket: 1) Set swing plate to needed pitch, using pattern below as reference, insert bolt (knob); 2) The bracket should be positioned so that the nails holding the roof bracket go through the outer roof surface and penetrate a roof joist or other structural member. (4) 16D Nails must be fully driven into truss using (4) of the nail slots. (4) #12 2.5" Screws may be substituted for 16D Nails when fully penetrating a truss or structural member. 3) Spacing between bracket shall not be more than (8) feet apart with use of wood/lumber railing and (10) feet apart with the use of steel RaptorRail™.



Instructions for Use of SS-Rail: 1)Use bracket and post to construct guardrail system meeting OSHA requirements 29CFR-1910.23 & 1926.502. 2)Use construction grade lumber (2"x4" nom.) or reusable Steel RaptorRail™ for top-rail and mid-rail; secure all lumber rails to post with 16 penny nails. 3)Lumber should overlap at a post or bracket; or be fastened together in a manner that will hold more than 200lbs of force.

Care And Maintenance of SS-Rail: 1)Inspect guardrail equipment before and after each use to be sure that there is no damage or deformation to any of the equipment. 2)Inspect to be sure there is no deterioration as a result of rusting. Discard if necessary. 3)Any equipment subjected to the forces of a fall arrest must be removed from service immediately. 4)Always handle the guardrail equipment with care to ensure safe and lasting use. 5)Do not throw or drop any guardrail equipment. 6)Do not use if wet or frozen.



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