

Acro Building Systems Residential Guardrail System User Guide

Model #12070 – Steep-Pitch Guardrail

Model #12075 – Open-Edge Guardrail

Refer Question to:

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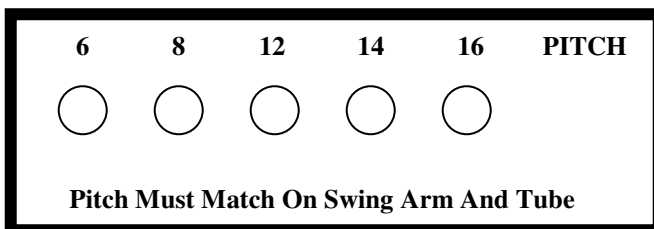
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12070 Steep-Pitch & 12075 Open-Edge Guardrail Instructions:

General 1) Always erect and use in accordance with local, state and federal OSHA regulations. 2) Max roof pitch is 16/12. 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 12070 bracket: 1) Set swing plate to needed pitch, using pattern below as reference, insert bolt; match same hole on support tube and insert pin. For use on pitches under 6/12 set swing plate and support tube to 6/12 pitch. 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 the (4) 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. 4) Use 12075 Bracket on rake edge.



12070 Capacity: One worker plus 40 lbs of materials per each span between brackets.

Setting the work platform on the 12070 bracket: 1) The roofing bracket platform must always be set so that the platform fits the pitch of the roof. 2) Wood platforms should not be less than 2in nominal thickness and extend beyond the roof bracket that support the platform not less than 6in and not more than 12in. Always use construction grade lumber

that is clear, straight-grained and free from all knots or defects. Secure lumber to bracket with 16 penny nails.

Instructions for Use of 12070 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.) for top-rail and mid-rail; secure all 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.

Mounting the 12075 Bracket 1)The bracket should be positioned so that the nails holding the roof bracket will go through the outer roof surface and penetrate two different roof joists. Bracket is designed for both 16" and 24" joist spacing. 2)Fill all nail positions in the bracket with 16D Screw Shank Nails; assuring (4) nails are fully driven into the 2 trusses or structural members. (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.



Instructions for Use of 12075 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.) for top-rail, mid-rail and toeboard; secure all rails to post with 16 penny nails. 3)Lumber should overlap at a post or be fastened together in a manner that will hold more than 200lbs of force.

Care And Maintenance of 12070 & 12075 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 exposed to extreme heat or cold. Discard at once. 7)Do not use if wet or frozen.

Made in the USA
Acro Building Systems Inc.
Acro Metal Stamping Inc.
Milwaukee, WI
ISO 9001:2008
Since 1942

MDL#	PRODUCT
12070	Steep Pitch Guardrail System Bracket & Post
12075	Rake Edge Guardrail System Bracket & Post
12055	Replacement Post for Guard Rail Systems
12050	Replacement 5/8" Safety Bolt
12071	Replacement 5" Tube for 12070 (5 holes) includes cotter pin

Updated 6/26/12