



**Multinail Australia Pty. Ltd.**  
ABN 79 003 999 586  
15-25 Mary Street  
Kingston QLD 4114  
Australia  
T. + 61 (0)7 3808 3220  
F. + 61 (0)7 3208 2841  
E. sales@multinail.com.au  
www.multinail.com

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To whom it may concern,

**Re:- Use of Gun Nails with Multinail products.**

This is to confirm that Multinail's 30mm x 2.8Ø reinforced head product nails may be substituted for Nail-Gun driven nails so long as they have the same shank diameter, have a reinforced head and conform with the following points.

Gun nails of a smaller diameter like the 32mm x 2.5Ø harden screw shank nails may be used but where these smaller diameter nails are used the capacity of the Multinail product must be reduced by 20% or alternatively 20% more nails must be used. For example, a standard Multi-grip requires 4/2.8Ø nails into the side of the truss and side of the top plate. If 2.5Ø nails are used this will require 5 nails in each to reach the same capacity.

Nail-Gun driven nails are not to be driven through the existing nail holes as this can lead to widening of the hole and the heads pulling through more easily. Instead Nail-Gun driven nails must be more than 3mm from any edge or hole and spaced evenly apart. Refer to AS1684 for minimum nail spacing's. Gun-Nails are also not to be driven at high pressure or they will punch through the steel product.

Care must be taken when using Nail-Gun driven nails through metal products. Refer to the Nail-Gun supplier's safety recommendations before operating these tools. Items to consider include safety clothing and eye protection as well as the angle of the nail to the metal should be 90°. Multinail accepts no responsibility for injuries occurred if nail guns are used for installing their metal products.

If you have any questions please call.

Sincerely,

Matthew Smith MIEAust CPEng  
Chief Engineer  
Multinail Australia