

ZAMAC NAILIN



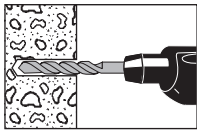
Zamac Nailin Anchor

Zamac Nailin is a nail drive anchor which has a body formed from zinc alloy, developed for its resistance to corrosion. This simple to use anchor fastens termination bar, wood, metal studs, siding and various other materials to concrete, masonry block and brick.

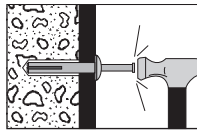
- Available lengths range from 3/16" x 7/8" to 1/4" x 2"
- No layout or hole-spotting required
- One-piece assembly
- Mushroom style head
- Stainless steel nail available upon request
- Not recommended for overhead applications



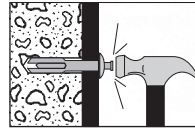
Installation Procedure



Using an appropriate masonry bit, drill a hole the same nominal diameter as anchor, and slightly deeper than anchor penetration.



Insert nailin anchor and tap gently until head of anchor body is set tightly against item to be fastened.



Hammer nail flush with the mushroom head to expand the body.

Cat. No.	Size	Drill Dia.	Std. Box	Std. Ctn.	Wt./100
ZN-0875	3/16" x 7/8"	3/16"	100	500	1
ZN-1000	1/4" x 1"	1/4"	100	500	1-3/4
ZN-1250	1/4" x 1-1/4"	1/4"	100	500	2-1/4
ZN-1500	1/4" x 1-1/2"	1/4"	100	500	2-1/2
ZN-2000	1/4" x 2"	1/4"	100	500	3

PULLOUT LOAD TESTS*

Anchor Size	3/16" x 7/8"	1/4" x 1"	1/4" x 1-1/4"	1/4" x 1-1/2"	1/4" x 2"
Embed. depth	3/4"	7/8"	1-1/8"	1-3/8"	1-7/8"
Tension load (lbs.)	500	820	960	1,500	1,300

*NOTE: Test data above represent average ultimate load sustained in concrete having minimum compressive strength of 4,100 p.s.i.

Results of these tests are offered only as a guide and are not guaranteed in any way by TRUFAST, LLC. Designated holding values depend on the quality of materials being anchored to. TRUFAST, LLC recommends that pull-out tests be conducted to verify that the substrate provides adequate pull-out values. A safety factor of 4:1 or 25% of ultimate pull-out value is generally accepted as a safe work load. However, codes for specific safe working ratios may differ, and this is the responsibility of the purchaser or end user to obtain this information. Performance of Zamac Nailin anchors will vary in different substrates.

Subject to the condition of Approval as a roofing component when installed as shown in the current edition of the Factory Mutual Research Approval Guide



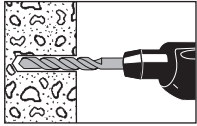
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TRUFAST's Nylon Nailin[®] Anchor

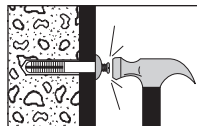
TRUFAST's Nylon Nailin[®] is a pin drive anchor with a body formed from engineered plastic and nails in carbon steel. The anchor can be used in concrete, block, brick or stone.

- Available lengths range from 3/4" to 6"
- No layout or hole-spotting required
- One-piece assembly
- Mushroom style head
- Stainless steel nail available upon request

Installation Procedure



Using an appropriate masonry bit, drill a hole into the base materials to a depth of at least 1/4" deeper than the required embedment. Blow the hole clean of dust and other material.



Insert the anchor through the fixture. Drive the nail into the anchor body to expand it. Be sure head is seated firmly against the fixture and that the anchor is at the proper embedment.



Nylon Nailin[®] Anchor

Cat. No.	Size	Drill Dia.	Std. Box	Std. Ctn.	Wt./100
CNN-1000-3	3/16" x 1"	3/16"	100	500	1/2
CNN-0750	1/4" x 3/4"	1/4"	100	500	1/2
CNN-1000	1/4" x 1"	1/4"	100	500	3/4
CNN-1500	1/4" x 1-1/2"	1/4"	100	500	1
CNN-2000	1/4" x 2"	1/4"	100	500	1
CNN-3000	1/4" x 3"	1/4"	100	500	2-1/4
CNN-4000	1/4" x 4"	1/4"	100	500	2-3/4
CNN-6000	1/4" x 6"	1/4"	100	500	4

Pullout Load Tests

Anchor Size	Embed. Depth	2,000 psi Concrete		4,000 psi Concrete		6,000 psi Concrete	
		Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)
3/16"	3/4"	180	280	195	320	200	320
3/16"	1"	200	280	220	320	230	320
1/4"	5/8"	120	320	140	500	180	500
1/4"	3/4"	220	320	1,700	500	245	500
1/4"	1"	230	320	1,350	500	260	500
1/4"	1-1/2"	240	320	1,860	500	280	500
1/4"	2"	255	320	2,600	500	300	500

Results of these tests are offered only as a guide and are not guaranteed in any way by TRUFAST, LLC. Designated holding values depend on the quality of materials being anchored to. TRUFAST, LLC recommends that pull-out tests be conducted to verify that the substrate provides adequate pull-out values. A safety factor of 4:1 or 25% of ultimate pull-out value is generally accepted as a safe work load. However, codes for specific safe working ratios may differ, and this is the responsibility of the purchaser or end user to obtain this information. Performance of Nylon Nailin anchors will vary in different substrates.



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