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NYLON ANCHOR



ZINC ANCHOR

MATERIALS

Engineered Plastic
Zinc

SIZE RANGE

No. 8 Screws

MATERIAL BASE

Drywall
Gypsum Board
Plaster Board

GENERAL INFORMATION

PRODUCT DESCRIPTION

The Self-Drilling Drywall Anchor is a single-piece self-penetrating anchor created for gypsum wallboard applications involving light to moderate loads. It comes in two variations: one made from engineered nylon and the other from Zinc, designed for compatibility with No. 8 screws and wallboard thickness ranging from 3/8" to 3/4". It's important to note that these fasteners should not be used in overhead applications or in situations where the strength of the connection is of utmost importance.

FEATURES AND BENEFITS

- + Suitable for securing light electrical fixtures, attaching curtain rod brackets, setting up phone systems, and various other hardware applications.
- + Available with or without screws and offered in kit options.

INSTALLATION SPECIFICATIONS

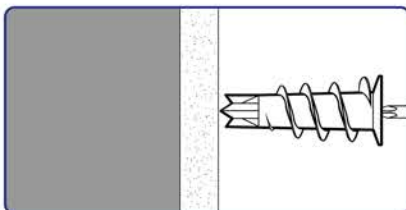
Dimensions	Zinc Self-Drilling Drywall Anchor	Nylon Self-Drilling Drywall Anchor
Collar (size)	9/16	9/16
Screw Size (UNC)	No. 8*	No. 8*
Thread Length (in.)	15/16	15/16
Point Length (in.)	19/64	3/4
Anchor Length (in.)	1-5/16	1-11/16
Min. Screw Engagement (in.)	3/4	3/4

PERFORMANCE DATA

Anchor	3/8" Wallboard				1/2" Wallboard				5/8" Wallboard				3/4" Wallboard			
	Ultimate Loads		Allowable Loads		Ultimate Loads		Allowable Loads		Ultimate Loads		Allowable Loads		Ultimate Loads		Allowable Loads	
	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.
SDDA	45	55	15	15	60	65	15	15	75	95	15	20	80	95	15	20

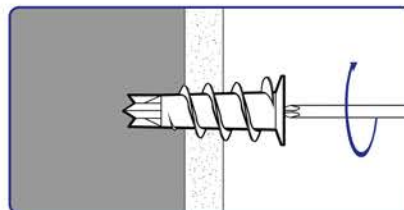
1. Ultimate load capacities are provided for reference and must be reduced by a minimum safety factor of 4.0 or greater to determine allowable working loads.
2. These fasteners are not recommended for use overhead or applications where holding values are critical.

INSTALLATION GUIDELINES

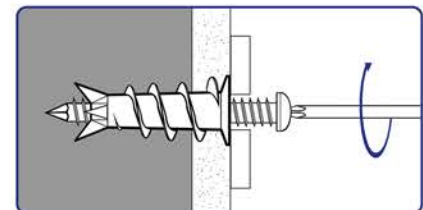


Place a No. 2 Phillips driver bit into the cavity on the head of the Self-Drilling Drywall Anchor. Employ a hand-operated screwdriver or a battery-powered electric screw gun with low rotational speed.

Note: If you encounter challenges while installing the Self-Driving Drywall Anchor, consider pre-drilling a hole. For exceptionally tough wallboard or double-board setups, employ a 1/4" diameter drill bit. In cases of solid plaster walls, opt for a 7/16" diameter drill bit made of High-Speed Steel (HSS) or Carbide. It is advisable to conduct on-site tests when deciding to pre-drill holes.



Press the Self-Drilling Drywall Anchor into the wallboard's surface until the tips penetrate it. Apply gradual forward force while turning the Self-Drilling Drywall Anchor until the collar is flush with the wall's surface.



Position the fixture where desired, insert the screw, and tighten it until it feels firmly secured. When the screw is threaded into the nylon variants, the tip will expand, enhancing the load capacity for thicker wallboard.

Note: When employing an electric screw gun for the task, configure the clutch settings and operate it at a low speed, ensuring not to surpass around 300-400 revolutions per minute (rpm).