



OlyLok Locking Impact Nail

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

The OMG OlyLok Locking Impact Nail is designed to secure base ply and recovery board to lightweight insulating concrete, cementitious wood fiber and poured gypsum decks. OlyLok is Factory Mutual and Miami-Dade approved and available in two lengths of 1.4-in. (35 mm) and 1.8-in. (45 mm).

FEATURES & BENEFITS

- Precision formed, high tensile, steel locking staple anchors the fastener in place for improved uplift characteristics.
- Fastener tube is shaped for easy deck penetration and ease of installation.
- OlyLok fasteners are available in two sizes.
- Fastener disk/plate is rib reinforced to resist cupping.

APPLICATION

OMG OlyLok Locking Impact Nails should always be embedded in the structural roof deck to a depth of at least 1.¼-in. (32 mm).

Drive fastener perpendicular to roof deck, seating cap flush with roofing surface. Once tube is set, drive the locking staple through the tube/disk unit into the deck until the top of the staple is flush with the cap.

Fastening Pattern: Consult roof cover manufacturer for recommended fastening patterns.

Note: On-site withdrawal testing may be necessary to evaluate the ability of the roofing substrate to satisfactorily accept and retain the OlyLok fastener.

Such testing may alter fastener selection and modify applicable fastening patterns. Uplift resistance may vary depending on the density and integrity of the substrate.

COATING

OlyLok nails are preassembled and consist of three components: tube, disk and locking staple.

Tube: Galvanized (G-90) coated steel

Disk: Galvalume (AZ-55) coated steel

Locking Staple: High tensile coated steel wire.

ACCESSORIES

The MultiPogo tool is available and recommended for installing OlyLok impact nails.



APPROVALS



Factory Mutual listings refer to this product as OlyLok.



USE WITH
G
LWIC
CWF
DECK TYPES

PHYSICAL DATA*

The data below is constant for each OMG OlyLok Locking Impact Nail.

HEAD	TUBE
2.7" (70 mm) Diameter	1.4" (35 mm), 1.8" (45 mm)
Galvalume (AZ-55) Coated Steel	Galvanized (G-90) Coated Steel

ORDERING INFORMATION

CAT. NO.	LENGTH IN (MM)	PKG QTY	WEIGHT LBS (KG)
OLYLOK14	1.4 (35)	500	25 (11.35)
OLYLOK18	1.8 (45)	500	28 (12.71)
MULTIPOGO	N/A	1	8 (3.63)

*All sizes are nominal.

KEY:

S Steel	SC Structural Concrete
W Wood	LC Lightweight Concrete
G Gypsum	LWIC Lightweight Insulating Concrete
P Purlins	CWF Cementitious Wood Fiber



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SPECIFICATION

The fastener will be an OMG OlyLok Locking Impact Nail with an assembled 2.7-in. (70 mm) diameter plate. The fastener has a factory inserted locking staple and must be Factory Mutual approved.

COATING REQUIREMENT

The fastener will be formed from coated steel to prevent corrosion. The plate shall be formed from Galvalume (AZ-55) coated steel, and the tube shall be formed from Galvanized (G-90) coated steel. The locking wire shall be formed from high tensile steel wire and coated to prevent corrosion.

APPLICATION

The OMG OlyLok fastener must be embedded into the structural roof deck to a depth of at least 1.25-in. (32 mm).

Drive fastener perpendicular to the roof deck, seating the cap flush with the roofing surface.

Once tube is set, drive the locking staple through the tube/disk unit into the deck until the top of the staple is flush with the cap.

Note: Fastener density and spacing vary depending on applicable uplift requirements. Local codes, governing approval bodies, membrane manufacturers and individual roof deck manufacturers all may have specific requirements that need to be addressed prior to beginning any roofing project.

PHYSICAL DATA *

The data below is constant for each OMG OlyLok Locking Impact Nail.

HEAD	TUBE
2.7" (70 mm) Diameter Galvalume (A2-55) Coated Steel	1.4" (35 mm), 1.8" (45 mm) Galvanized (G-90) Coated Steel
	PACKAGING
	500/carton

*All sizes are nominal.



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