

JIN® Metal Insulation Nail

JOPAL Insulation Nail

PRODUCT DESCRIPTION

JIN® Insulation Nail, hammer-driven metal nail designed for fast and reliable installation of insulation materials to concrete, masonry, and other suitable building substrates. The large bearing head provides effective retention of insulation boards without torque-controlled tightening.



TYPICAL APPLICATIONS / KEY FEATURES

- Mineral Wool
 - Rockwool
 - Glass Wool
 - Wood Wool Boards
 - Thermal Insulation Boards
 - Soft and Semi-Rigid Insulation Materials
- Hammer driven installation
 - No torque required
 - Large bearing head
 - Fast and economical fixing solution
 - Suitable for various insulation materials
 - Corrosion-resistant zinc coating

SIZE RANGE

Art. Code	Length (mm)	Head Ø (mm)	Material	Pcs/Box
JIN080	80	30	Steel	250
JIN110	110	30	Steel	250
JIN140	140	35	Steel	250
JIN170	170	35	Steel	250
JIN200	200	35	Steel	250
JIN250	250	35	Steel	250

TECHNICAL DATA

General Technical Data	
Property	Value
Product Type	Insulation Nail
Installation Method	Hammer Driven
Material	Steel, Stainless Steel
Surface Finish	Coated
Nominal Diameter d _o	8 mm
Head Diameter d	35 mm
Available Lengths L	80, 110, 140, 170, 200, 250 mm
Drilling Depth, Concrete h _i	40 mm
Drilling Depth, Masonry h _i	50 mm

Recommended Load N _{re} ^{c*} by Length & Substrate (kN)						
Length L (mm)	Ins. Thick. Concrete (mm)	Ins. Thick. Masonry (mm)	Concrete C20/25-C50/60	Solid Block	Hollow Block	AAC Block
80	60	50	0.3	0.2	0.1	0.1
110	80	70	—	—	—	—
140	110	100	—	—	—	—
170	140	130	—	—	—	—
200	170	160	—	—	—	—
250	220	210	—	—	—	—

* Safety factor included. Recommended loads are independent of nail length and depend on substrate, drilling depth conditions.