



# #12 INSULATION FASTENER

Contact Customer Service or your Sales Representative for fastener offerings, pricing, length and pieces per box.

## DESCRIPTION

Soprema #12 Insulation Fasteners and #12 Pre-Assembled Insulation Fastener/Plate Combination are engineered for the attachment of insulation to FM Approvals Listed 18-24 Ga. steel decks and to specific type wood decks. The fastener must penetrate the steel deck three-quarter ( $\frac{3}{4}$ " inch (19 mm) min. To achieve maximum installation performance, fasteners should be installed using an 1800-2500 RPM screw gun. The #12 Insulation and Pre-Assembled Insulation Fastener/Plate Combination Fasteners offer these advantages:

- Superior pullout performance
- Specific designed thread for increased back-out resistance
- FM Approvals, ICC/ES, Miami-Dade County, Florida State-Wide Approval
- Approved for 22 Ga. Steel and specific type wood decks
- Soprema's flexibility to supply warranted fasteners based on the contractors preferred fastener request or applicator tools used
- Plastic plates are approved for hot mopped applications, provided the coverboard or composite board is perlite or wood fiber board (NO FIBERGLASS OR ROCK WOOL COVERBOARDS)
- Pre-Assemble Fastener/Plate combination reduces the chance of fastener being driven at an angle. Use an approved "stand-up" tool to achieve maximum installation performance.

## APPLICATION

Fasteners are designed for the attachment of insulation to steel decks (18-24 GA.) and to specific type wood decks. They meet FM Approvals requirements, the fastener must penetrate the steel and wood deck three-quarter ( $\frac{3}{4}$ " inch (19 mm) minimum or a minimum three-quarter ( $\frac{3}{4}$ " inch (19 mm) through penetration on plywood. To achieve maximum installation performance, fasteners should be installed using an approved "stand-up" tool.

## COMPOSITION

Soprema supplied #12 Insulation Fastener and #12 Pre-Assembled Fasteners are case hardened carbon steel and use specific head, shank and thread diameters, point types and head styles meeting building code and FM Approvals corrosion and simulated wind uplift criteria requirements.

## WARRANTY

The #12 Insulation Fastener components are included in Soprema's Project Warranty Agreement.

Wind Warranty Riders require the use of Soprema supplied #14 or #15 fasteners and require fastener withdrawal testing prior to issuing an approved insulation-fastening pattern for specific projects prior to bid and installation. Contact the Soprema Technical Department.