

# FM-75 & FM-90 FASTENER

Lightweight Insulating Concrete Pre-Assembled Base Sheet Fastener

## DESCRIPTION

The FM-75 and FM-90 are impact fasteners designed to secure base sheets to lightweight insulating concrete, cementitious wood fiber and various gypsum decks. These pre-assembled fasteners consist of a twin-legged polymer coated steel fastener with a 2.7 inch diameter Galvalume® coated steel plate.

## PRODUCT SPECIFICATIONS

**FM-75:** Designed for use on minimum 1.25 inch thick lightweight insulating concrete and some gypsum decks.

**FM-90:** Designed for use on minimum 2 inch thick lightweight insulating concrete decks only. Not to be used on poured gypsum decks.

## TYPICAL PROPERTIES\*

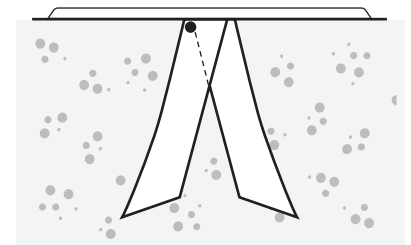
FASTENER HEAD		PLATE DIAMETER
1.125 x 1 inch		2.7 inch
FASTENER LENGTH		PLATE MATERIAL
1.2 inch	1.7 inch	Galvalume AZ-55
FASTENER MATERIAL		CORROSION RESISTANCE
G-90 Galvanized Steel coated with CR-10		<15% Red rust after 30 cycles

## INSTALLATION

**Equipment:** Always use a Magnetic Driver in ensure proper fastener installation.

**Field Testing:** On-site withdrawal testing should always be performed to evaluate the ability of the roofing substrate to satisfactorily accept and retain fasteners. Such testing may alter fastener selection and modify applicable fastening patterns.

**Application:** Position the fastener perpendicular to roof deck. Drive the fastener seating the cap flush with the roofing surface. On impact, the fastener's dual legs diverge cutting a wedge into the substrate anchoring it into place.



The fastener anchors itself in its own hole by cutting an inverted wedge into the concrete. No pre-drilling required.

## PRODUCT PACKAGING

PART #	PART LENGTH	PKG QTY	PKG WEIGHT	PALLET QTY
FM-75-1200	1.2 inch	1,000/Carton	35 lb	18,000
FM-90-1700	1.7 inch	1,000/Carton	40 lb	18,000

