



# Ramset™

## INSULATION FIXING ANCHOR

| Rigid, Semi Rigid & Soft Insulation |



### Quick and Easy Installation

Pre-assembled through fixing anchor insulation materials.

### Product Advantages

- Rough cast head provides a key for render
- Quick and easy to install through the insulation Ø 50 for rigid insulation material
- Very good performance in hollow materials
- Rigid, watertight glass fibre nail
- Plastic anchor reduces cold bridging compared with metal fixings
- Deep profile and expansion legs ensure excellent pullout resistance even in hollow block and lightweight materials
- Sealing ring prevents passage of moisture through anchor body
- Serrated shank gives added pullout resistance

### Specification

The expansion portion of the anchor is set by hammering in an integral expansion nail.

#### Material

Expansion nail: Glass reinforced polamide 6  
(Except part 057600 - Polypropylene).

**Anchor Body:** Polypropylene  
**Thermal conductivity:** 0.12 W/m - °C  
**Temperature Range in use:** -30°C to +80°C

### Substrates

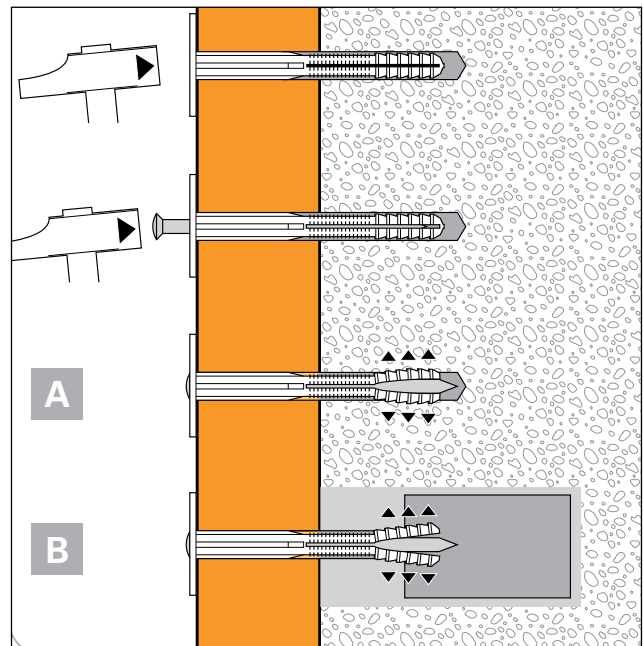
- Concrete
- Hollow floor beams
- Solid block
- Solid brick
- Stone

### Applications

- Fixing of rigid insulation onto solid materials.
- Internal and external insulation boards

**NB:** The anchor must be protected from UV rays by a suitable screen such as rendering or panelling.

### Installation Procedure



1. Drill a hole through the insulation material according to the total length of anchor plus 20mm.
2. Insert the anchor until the head contacts the insulating material. The anchoring depth in the base material must be at least 30mm.
3. Insert the expansion nail in the anchor. Then expand with a hammer until the nail is flush.

#### A. Solid Material

#### B. Hollow Material

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### Product Range - ISO Universal Insulation Anchor

Product Code	Description	Drill Diameter	Overall Length	Max Insulation Thickness	Min Drill Depth	Minimum Embedment	Box Quantity
S057600	10 - 30	10mm	60mm	30mm	50mm	30mm	200
S057610	40 - 60	10mm	90mm	60mm	50mm	30mm	200
S057620	70 - 80	10mm	110mm	80mm	50mm	30mm	200
S057630*	90 - 100	10mm	130mm	100mm	50mm	30mm	200
S057640*	110 - 120	10mm	150mm	120mm	50mm	30mm	200

### Product Range - ISO Universal Insulation Anchor Indicative Loads - Wall Insulation Substrates

Anchor Ø (mm)	C20/25 Tensile Load (kN)	Hollow Concrete Block Tensile Load (kN)	Solid Brick Tensile Load (kN)
10 - 30	0.15kN	0.07kN	0.15kN
40 - 60+	0.20kN	0.13kN	0.20kN

### Product Range - ISO Universal Insulation Anchor Indicative - Soffit Insulation Substrates

Anchor Ø (mm)	C20/25 Tensile Load (kN)	Hollow Concrete Block Tensile Load (kN)	Solid Brick Tensile Load (kN)
10 - 30	0.07kN	0.04kN	0.07kN
40 - 60+	0.10kN	0.06kN	0.10kN

\* Available on request, Minimum quantities and lead time may apply.