



Heavy duty carry case

T4IF

Light-weight:  
Only 3.6 Kg



customer service

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The InsulFast™ T4 System is twice as fast as PAT systems, with significantly less user fatigue.

Simple, one-step installation will increase productivity and reduce re-work.

InsulFast™ T4 System Product Codes

Part NO	Description	Rigid Insulation Thickness	Soft Insulation Thickness	Fastener Colour
T4IF	Ramset™ InsulFast™ T4 Gas Tool	N/A	N/A	N/A
T4IG625	White anchor 25mm pin (qty 500) and 1x fuel cell	25mm	25mm –30mm	White
T4IG625B	Black anchor 25mm pin (qty 500) and 1x fuel cell	25mm	25mm –30mm	Black
T4IG638	White anchor 38mm pin (qty 500) and 1x fuel cell	38mm	38mm –45mm	White
T4IG650	White anchor 50mm pin (qty 500) and 1x fuel cell	50mm	50mm –55mm	White
T4IG650B	Black anchor 50mm pin (qty 500) and 1x fuel cell	50mm	50mm –55mm	Black
T4IG663	White anchor 63mm pin (qty 500) and 1x fuel cell	60mm	60mm –65mm	White
T4IG675	White anchor 75mm pin (qty 500) and 1x fuel cell	75mm	75mm –80mm	White
T4IG675B	Black anchor 75mm pin (qty 500) and 1x fuel cell	75mm	75mm –80mm	Black
T4IG6100	White anchor 100mm pin (qty 500) and 1x fuel cell	100mm	100mm –110mm	White

# InsulFast™ T4

The Smarter Insulation Fastening System by Ramset™

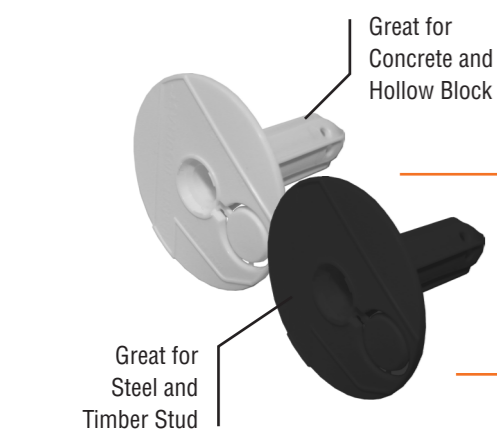


ramset.com.au or call 1300 780 063 | ramset.co.nz or call 0800 RAMSET

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AUS & NZ





**Achieve 99.5% Thermal Efficiency**

- Close the integrated cap to create a thermal break and excellent thermal efficiency of 99.5%

**Depth adjuster**  
Get optimal pin performance by adjusting the setting based on the type of base material.

**The Specs**

**Ramset™ InsulFast™ T4 Insulation Fastening System Overview**

**Fastening System F&B's**

- Installs in seconds**
  - Twice as fast as PAT systems
  - One-step installation
  - Eliminates all fastener-related pre/post work
- Increases efficiency and reduces injury**
  - Less recoil than powder actuated tools
  - Reduced operator fatigue with efficient and ergonomic design
- Reduces thermal bridging**
  - Integrated cap creates thermal break
  - Saves energy, reduces building heating and cooling costs
- Performs in multiple environments**
  - Works with insulation up to 150mm thick
  - Installs directly to concrete, block, steel stud, and timber
  - Works in all weather conditions

**Our Patented Fastener**

**Flanges** ensure insulation remains perfectly in place; the insulation panel won't flip around during the fastening process.

**Engineered shaft** reduces friction, limiting insulation compression and enabling thermal efficiency.

**Point** designed to pierce insulation material with little effort.

**Integrated cap** creates a thermal break and reduces thermal bridging, achieving up to 99.5% thermal efficiency when closed.



**Fuel cell included in every box of fasteners**  
Never have to stall a job.

**Auto Shut Off/On**  
Won't drain the Li-Ion battery when not in use.

**Improved Stick Rate Better Reliability**

**Operating Temperature:** -5°C to 50°C  
**Light-weight:** 3.6kg  
**Battery Capacity:** up to 3,500 shots

**Fuel and battery gauges**  
Seamless productivity.



**Fastener Specifications:**

- **Pin Material:** Heat Treated Carbon Steel
- **Pin Finish:** Mechanical Zinc Plated
- **Washer Material:** High Density Polyethylene (HDPE)
- **Pin Diameter:** ~ 3mm for concrete, 2.5mm for steel
- 60mm Holding Diameter
- Each fastener has clear branding along with length of fastener assembly

Reference	U – Factor (W/m2 °C)	INSULATION THICKNESS					
		25mm	50mm	75mm	100mm	125mm	150mm
InsulFast™ T4	U – Factor (W/m2 °C)	1.1786	0.7122	0.5103	0.3976	0.3257	0.2758
	Efficiency (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Concrete | Concrete Strength & Tension Load**

PART NUMBER	CONCRETE STRENGTH	ALLOWABLE/ULTIMATE TENSION LOADS
T4IG6XX	25 – 45Mpa	0.15kN – 0.94kN

**Hollow Concrete Block | Tension Load**

PART NUMBER	ALLOWABLE/ULTIMATE TENSION LOADS
T4IG6XX	0.15kN – 0.82kN

**Timber | Shank Diameter & Tension Load**

PART NUMBER	SHANK DIAMETER	INSTALLED IN 12mm 4 PLY PLYWOOD SHETAING
T4IG6XXB (Black, Knurled Pin)	2.5mm	.07kN – .41kN

**Steel Studs | Shank Diameter & Tension Load**

PART NUMBER	SHANK DIAMETER	INSTALLED IN COLD FORMED STEEL FRAMING					
		22 Gage	20 Gage	18 Gage	16 Gage	14 Gage	12 Gage
T4IG6XXB (Black, Knurled Pin)	2.5mm	0.089kN – 0.53kN	0.15kN – 0.89kN	0.20kN – 1.24kN	0.27kN – 1.6kN	0.28kN – 1.65kN	0.33kN – 1.99kN

**InsulFast™ T4 Performance Data**

**Evaluations:**

- ICC-ESR-1955
- ASTM E331 (Water Penetration)
- ASTM E2178 (Air Leakage)
- ASTM E84 (Surface Burning Characteristics)