



PRODUCT DATA SHEET

MEDIUM ELECTRIC METER BOX & DOOR – IRELAND

The Mitras Medium Electric Meter Box has been developed to meet the updated ESB Networks 2023 specification, delivering a compliant, fire-retardant and long-life solution for Ireland's evolving electrical infrastructure.

Designed for new installations, smart meter rollout and retrofit projects, Mitras provides a future-ready meter box aligned with ESB requirements.

KEY PRODUCT DETAILS:

- Meets updated ESB requirements, plus extensive compliance and testing credentials
- Fire-retardant composite backboard, delivering improved fire safety, durability, and moisture resistance
- 40+ year design life, with long-life performance and lower lifetime costs
- GRP construction providing resistance to UV, damp, abrasion, and non-hygroscopic performance – ideal for long-term external installations in Ireland
- Removable and replaceable door, plus a robust spring-loaded locking mechanism



- Product: Medium Electric Meter Box & Door – Ireland
- Part Number: 10208387 (M35044)



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STANDARDS & COMPLIANCE

ESB Specifications	2004, 62208 (2011), 16442 (2021), 18080, 2023
IEC	62208 (2011), 60695-2-11 (2021)
BS	BS 8567:2012 (box & door)

MATERIAL SPECIFICATION

Meter box	Glass reinforced thermoset GRP
Backboard	Fire-resistant composite SMC
Lock	Nylon 12 (PA 12) glass-filled
Screws	Zinc plated; chrome passivated
Hinge pins	1x fixed; 1x spring-loaded (brass)
Backboard thickness	4mm panel with 8mm lugs
Glass fibre content	Minimum 16%
Fibre length	Minimum 6mm
Resin	Polyester Type C
Hygroscopic performance	Non-hygroscopic
Environmental resistance	UV / damp / abrasion resistant
Finish	Smooth white

FIRE PERFORMANCE

Performance	Fire-retardant; flame-test compliant
Compliance	IEC 60695-2-11 compliant
Testing	External ESB approved testing

MECHANICAL PROPERTIES

Flexural modulus	≥ 7.5 GPa
Flexural strength	≥ 50 MPa
Impact strength	≥ 10 kJ/m ²
Density	1.6 – 2.1 g/ml