

Composite SMC Manhole Cover

This composite manhole cover is made from SMC material, molded under high temperature and pressure. It offers high strength and durability without any steel reinforcement.



Product Overview

High-Performance SMC Manhole Cover

Engineered from unsaturated resin and reinforced fiberglass, these composite manhole covers are manufactured using high-pressure and high-temperature hydraulic molding for superior structural integrity. Designed as a non-metallic, theft-proof alternative to cast iron, they offer a 20-year service life and excellent resistance to weathering and UV radiation. Their lightweight design, weighing only one-third of traditional iron covers, ensures easier installation and safer routine maintenance for utility infrastructure.

Technical Specifications

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| Material Composition | Unsaturated Resin, Fiberglass, Filler |
| Production Method | High-temperature and high-pressure hydraulic molding |
| Expected Service Life | 20 years |

Key Features

Compliance Standards

ISO 9001 • BS EN 124

Performance Benefits

- Theft-proof (no recoverable scrap value)
- Corrosion and UV resistant
- One-third the weight of cast iron
- Non-slip surface design
- Available in customizable colors