

# 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

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