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Innovative Composite Solutions for the Industrial Sector



PROGRESSIVE.
INTEGRATED.
SUSTAINABLE.

BFG International is a global leader in advanced composite technologies, with over 45 years of experience across diverse industries including transportation, architecture and industrial.

In 2018, BFG partnered with The Mergence Group to establish BFG Africa Rail, bringing world-class composites manufacturing capabilities to South Africa. The company produces high-quality components for passenger rail systems using state-of-the-art processes and equipment.

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Moulding ideas
into Shape

SMC Sectional Water Storage Tanks

BFG Africa's panel tanks are crafted from advanced thermoset materials including fiberglass, polyester resin and specialised additives using a hot-press compression moulding process. These SMC panels are lightweight, rust resistant, shock proof and offer easy installation with minimal effort.

BFG Africa's panel tanks are available in a variety of sizes, can be tailored to meet diverse capacity requirements. Additionally, their modular design allows for relocation and reinstallation making them a flexible and cost-effective solution for evolving water storage needs.



Moulding ideas
into Shape

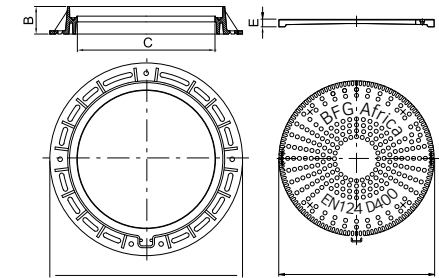
SMC Composite Manhole Covers

BFG AFRICA's composite SMC manhole covers are the preferred alternative to traditional ductile cast iron, polymer concrete, and precast concrete covers. Designed with superior performance properties, they are suitable for various load classes and offer an ideal replacement for conventional options.

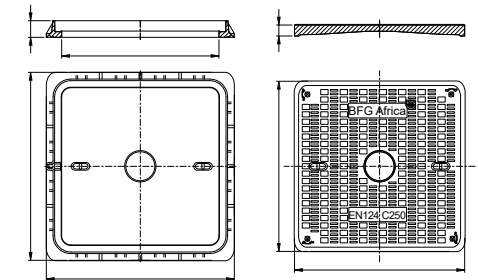
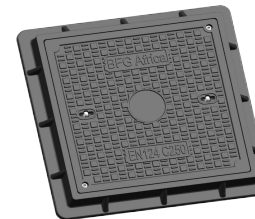
In response to the growing issue of cast iron and steel manhole cover theft across Africa, BFG AFRICA provides a permanent solution through our innovative approach: *Moulding Ideas Into Shape*.

We are committed to delivering cutting-edge designs and continually expanding our product range to meet the evolving technical needs of our customers.

BFG Manhole cover Round Lockable



BFG Manhole cover Square Lockable



EN 124 - 2015 Standard

Group	Traffic Description	Class	Proof Load kN	Proof Load lbs.
1	Areas which can only be used by pedestrians and pedal cyclists.	A15	15kN	3,375 lbs.
2	Footways, pedestrian areas and comparable parks or car parking decks.	B125	125kN	28,100 lbs.
3	For gullytops installed in the area of curbside channels of roads.	C250	250kN	56,200 lbs.
4	Carriageways of roads (including pedestrian streets), hand shoulders and parking areas, for all types of road vehicles.	D400	400kN	89,925 lbs.
5	Areas of imposing high wheel loads, e.g. dock and aircraft pavements.	E600	600kN	134,885 lbs.

	Features	Benefits
1	Tested For extreme natural conditions Excellent UV Resistance Can be assembled and dismantled easily Flexible rubber sealant with low thermal coefficient	Extremely Durable Longest Life cycle Re-locatable 100% Leak Proof
2	Smooth Surfaces reduces growth of algae and organisms External repairs - easy by replacing damaged panels no metal is in direct contact with water - no rusting	Easy and low maintenance Less frequency of cleaning Retains the quality of stored water
3	Fire Retardant & Light weight Modular design, Lowest assemble time.	Less Structural cost & Safe Reduces Project cost & time
4	Available in various sizes and capacity- 1000L to 2.5Lak L Extension of size-possible and easy	Various sizes & adaptable structure