



R O S H C R E T E

CONCRETE DEFENCE PRODUCTS

STRENGTH | CONVENIENCE | SAFETY



BROCHURE

Secure with confidence, using our concrete defense solutions,
ensuring unparalleled safety.

INTRODUCTION

With our extensive experience in Defense Engineering, we're recognized as leaders in the field. Most of our work involves designing and developing projects. We're dedicated to providing top-notch solutions customized to meet our clients' needs, backed by thorough in-house research and development efforts.

Our company has an efficient manufacturing setup with advanced machinery, skilled workers, a dedicated quality team, strong supply chain management, experienced system integration experts, and trained commissioning engineers.

FUNDAMENTALS AND CORE VALUES

Design: Meticulously crafted designs and rigorous analysis ensure optimal functionality and durability.

Engineering: Our solutions are engineered with precision to meet the highest standards of performance.

Execution: Seamless execution processes ensure timely and efficient delivery and implementation.

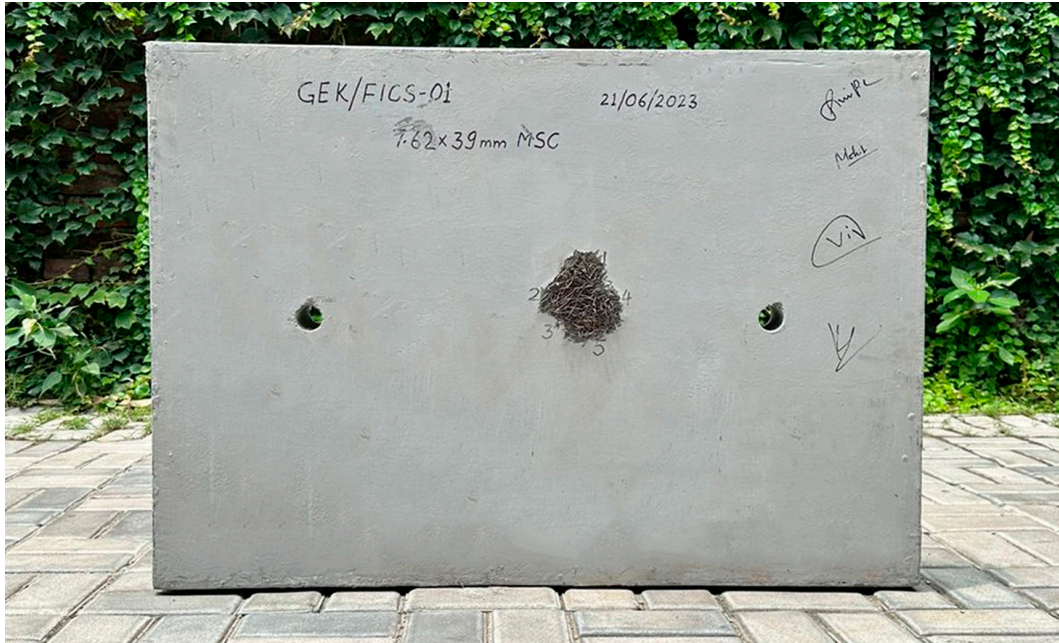
CERTIFICATIONS

- Startup Punjab (Department of Industries & Commerce)
- Startup India
- TBRL Chandigarh

MOU



PRODUCTS



BALLISTIC PANELS (SIFCON / FICS PANELS)

A proprietary concrete mix with high steel content (3% to 20%) designed to withstand projectile impact from assault rifles, grenades, and tanks.

Features:

- Available in 40mm, 60mm, and 80mm thickness, with complete customization
- Custom-made sizes as well as standard sizes such as 1m x 0.6m and 1m x 0.7m.
- Highly durable in outdoor environments with minimal maintenance required.
- No rusting or painting necessary for upkeep.
- Offers higher impact resistance than steel structures.
- Tested as per TBRL BR manual 2014/2020, ensuring no bullet ricochet.

Uses:

- RCC Wall Cladding for Baffle Ranges
- Protection of Important Buildings and Bridges
- Morcha Barricades
- Artillery Storage
- Oil Storage



COMPOSITE PANEL

Composite panels are anti-ricochet ballistic panels made by a combination of armor plate, rubber & wood ply/metal frame. The panel's size & thickness varies as per desired level of safety.

Features:

- Anti-Ricochet & does not deflect bullets.
- A wall design layer by layer panel for highest performance against all types of projectiles
- Custom panels made of Armor plate & rubber layer (Sandwich Panel)
- Can be made of desired size & level of safety.

Uses:

- Most suitable for firing ranges (indoor & outdoor), ammunition storage & safe room
- Suitable as shield & barrier against mob & firing.
- Can be used for immediate Morcha Construction.



PORTABLE BUNKER

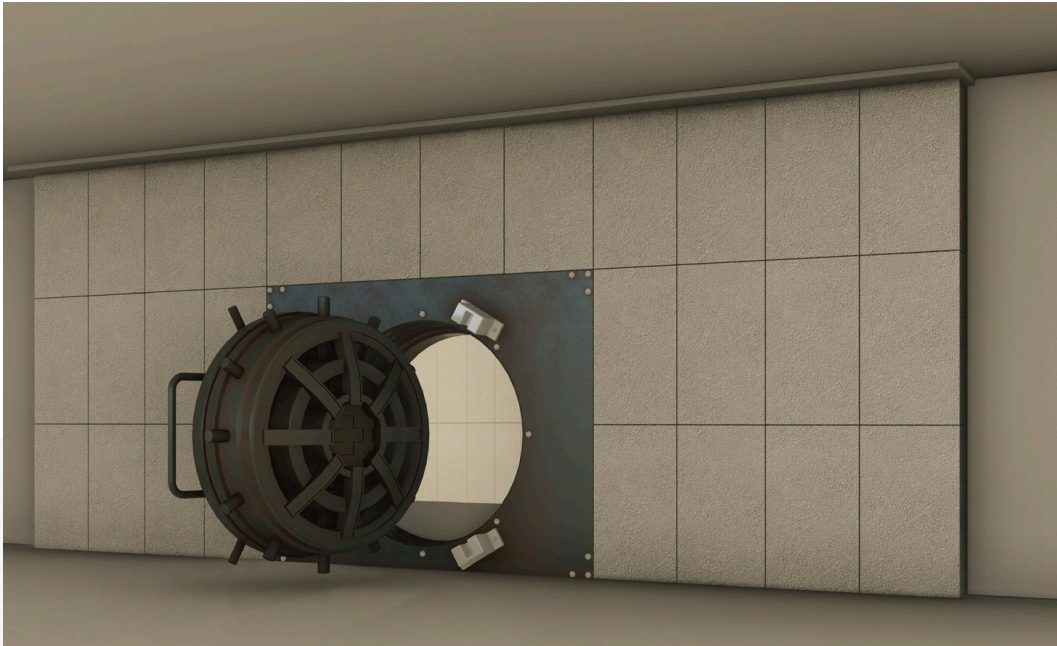
In modern warfare, agility and rapid deployment are crucial. Our bespoke portable bunkers are designed to meet frontline needs with agility and efficiency. They offer superior protection against various threats while maintaining ease of installation and mobility.

Features:

- Proprietary design with all-side interlock for maximum security.
- Engineered for monolithic behavior and impact resistance
- Min. Size 4'x4' and Expandable as desired
- Single block lego design ensures easy installation without technical expertise.
- Customizable to address specific safety requirements, from small arms to tanks.
- Incorporates infill sand for enhanced stability, strength, and insulation.
- Requires minimal maintenance and can be easily uninstalled and moved.

Uses:

- Frontline permanent defense (PD) structures.
- Temporary structures for immediate camps or rescue operations.
- Public safety and civilian protection.
- War rooms and underground bunkers in remote locations.



BANK VAULTS / SAFES

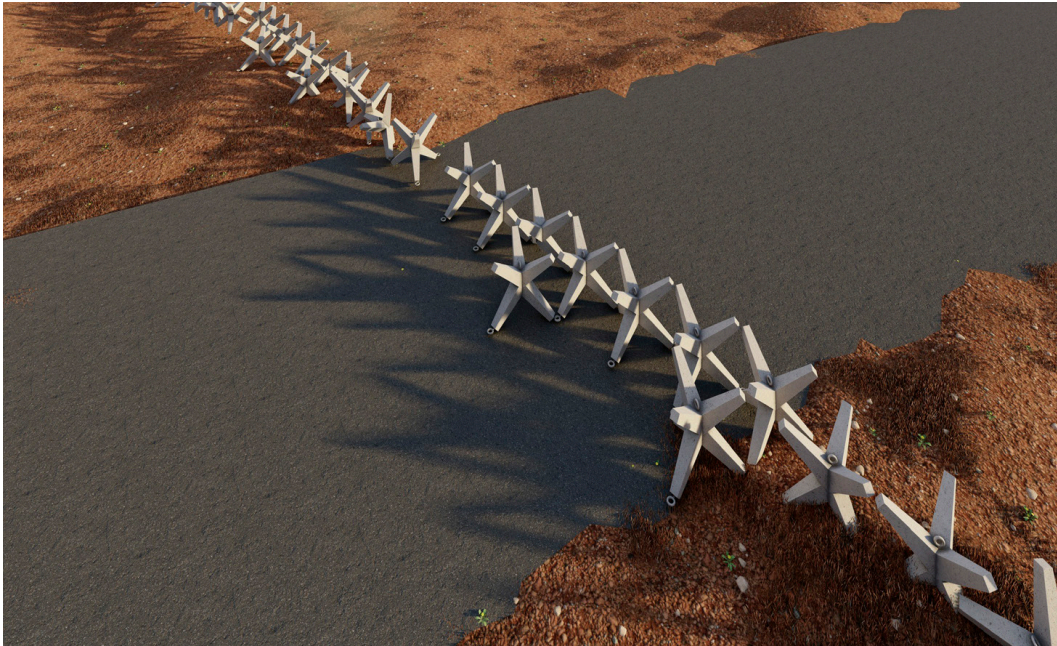
In the realm of banking security, safeguarding assets is paramount. Our bank vaults and safes are meticulously crafted using specially designed concrete, ensuring maximum protection.

Features:

- Customizable to meet specific security requirements.
- Safety levels can be adjusted from basic to maximum intrusion resistance.
- Concrete is available in dry mix form, cast in special metal forms for vault construction.
- Can be customized into any size & shape.
- Can be modified as per desired level of safety (from fire, impacts etc.)

Uses:

- Safeguarding valuable assets in banking institutions, jewelry stores and museums.
- Securing important documents and assets in financial institutions and businesses.
- Store for Ammunition.
- Containment store for inflammable products.



ANTI-TANK BARRIERS

In times of conflict, defending territory becomes as crucial as offensive maneuvers. Our anti-tank barriers provide a preventive solution to halt enemy movements and protect civilian areas.

Features:

- Economic & durable.
- Easy to install & portable.
- Can be used at any place & terrain.
- Create interlock frames to avoid any cross-movement.
- Special concrete mix ensures quick construction and high-strength barriers.
- Can be precast or cast-in-situ, depending on specific requirements.
- Equipped with an interlock system to deter unauthorized trespassing.

Uses:

- Obstruction against manual & automobile movement.
- Deployed to fortify key military installations and critical infrastructure.
- Used to impede enemy tank movements, disrupt hostile advances, safeguard civilian areas.



Scan to Connect

info@roshcrete.com
www.roschcrete.com

