MODULAR BARRIER FENCE™

ANC Modular Barrier Fence™

Chameleon Modular Barrier Fence™

AMICO®
PERIMETER SECURITY

MODULAR BARRIER FENCE™

AMIGUARD®
FENCING INFILLS

The need for temporary high security and crowd control fencing is becoming more and more prevalent. The two modular fences from AMICO Security address this need and provide an enhancement of security due to some unique design features.

- Works with any DOT approved barrier or non-DOT designs
- Based on 10' concrete barriers transportable on a flatbed truck
- Requires no tethering in most windload requirements
- Fence material overlaps concrete barrier to prevent stepping
- Splice elements to link individual elements to enhance security
- DualGuard™ mesh available to significantly increase cut through times
- Works with any AMIGUARD® Fencing Infills
- Cap sheets, barbed and razor wire are available

NON CONDUCTIVE FENCING

CHAMELEON®
BYPASS RAIL FRAMEWORK

855-552-6426
amicosecurity.com

Applications

Modular barrier fence™ are commonly utilized in special high security events at local, state, and federal levels. Temporary high security fencing is required for crowd control and to temporarily close off restricted areas at special events. Most users and government agencies rely on a combination of concrete barriers and traditional security fencing mounted on top of those barriers. Some end users specify barrier fences for other reasons, for example railroad companies specify those fences to protect railroad cars in railroad yards instead of traditional security fences, since barrier fences eliminate the need of digging near railroad tracks which is not desirable due to space constraints and the presence of underground cabling along the tracks.

DualGuard™ Mesh

The optional DualGuard™ mesh significantly increases the time required to breach the fence. The ASTM F2781-15 Standard Practice for Testing Forced Entry, Ballistic and Low Impact Resistance of Security Fence Systems defines a successful breach if the attacker manages to cut a 2′ x 2′ opening into the fence. While access to the first mesh is straight forward, access to the second mesh of the DualGuard™ mesh is much more difficult resulting in a significant increase in breach time. An additional design feature of DualGuard™ is to rotate one mesh by 90 degrees relative to the other mesh which will make cutting those meshes even more difficult. Tests have shown that the times to breach two meshes mounted a few inches parallel will require at least twice the amount of time required to breach the two meshes individually. This is a true occurrence of 1 + 1 > 4.

Chameleon Modular Barrier Fence™

The Chameleon Modular Barrier Fence™ is an expanded metal barrier fence similar to the design described in the ASTM F2780 guide. However, it has some additional options to add extra security. Besides razor and barbed wire, expanded metal splices from barrier to barrier and an DualGuard™ expanded metal mesh can be added for extra security. Fence elements are typically connected barrier to barrier with splices across the fence meshes being optional. Fence meshes typically overlap the concrete barrier to prevent a stepping onto the concrete barrier.

ANC Modular Barrier Fence™

The ANC Modular Barrier Fence™ a non-conductive fiberglass reinforced plastics (RFP) fence is used frequently by the electric power and transmission industry. Considering that it often takes many years to upgrade a working substation, utilities need a non-conductive fence to eliminate the requirement for electrical grounding of their temporary fence. Other applications are in highly corrosive environments in coastal areas.

MODULAR BARRIER FENCE™

Details

ANC Modular Barrier Fence™

Our Engineering Department is here to assist you with all aspects of the design process for your project. Simple drawings to Engineered Stamped drawings are just a few things they can help with. They are always ready to collaborate with your Engineering Team to ensure your AMICO Security System is installed correctly.

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Details

CHAMELEON Modular Barrier Fence™

Shown with optional DualGuard™ (double mesh) and optional topper

Modular Barrier Fence™ Saddle Mount fits any DOT or non DOT Concrete Barrier

Optional DualGuard™ (double mesh) for higher security

AMICOAT™ FINISHES

Powder Coating over E-Coating

AMICO Security offers three highly corrosion resistant finishing options:

- **Hot-Dip Galvanizing**
- **AMICOAT™ Powder coating over E-Coating or primer**
- **AMICOAT™ Duplex Coating, Powder coating over Hot-Dip Galvanizing**

All of AMICO Security's finishing processes involve a zinc layer for superior corrosion protection. While a traditional paint layer aims to prevent water from touching the steel, a zinc layer provides a superior cathodic protection replacing the steel anode with a zinc anode resulting in zinc oxide which forms a protective layer instead of rust.

Hot-Dip Galvanizing

Duplex Coating

Duplex Coating provides a more sophisticated manner of corrosion protection known as the synergistic effect. The hot-dip galvanized steel is powder coated providing two layers of protection. Used independently, both paint/powder coatings and galvanizing provide corrosion protection to steel; however, when utilized together, the two coatings work in synergy. The exterior layer of paint or powder coating slows down the rate at which the zinc is consumed, greatly extending the life of the galvanized steel. In return, once the exterior layer has been weathered down or damaged, the zinc beneath is still available to provide cathodic and barrier protection.

STANDARD COLORS

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AMICOAT™ Standard Colors for AMIGUARD® 6000 & 7000 Security Meshes

RAL 1013 Oyster White
RAL 1013 Gray Beige
RAL 3001 Signal Red
RAL 3009 Oxide Red
RAL 5001 Green Blue
RAL 5005 Signal Blue
RAL 6000 Patina Green
RAL 6005 Moss Green
RAL 6026 Opal Green
RAL 6028 Pine Green
RAL 7012 Basalt Gray
RAL 7044 Silk Gray
RAL 8017 Chocolate Brown
RAL 8019 Gray Brown
RAL 9005 Jet Black
RAL 9016 Traffic White

AMICOAT™ Standard Colors for AMIGUARD® 5000 Wire Meshes

RAL 6005 Moss Green
RAL 6009 Fir Green
RAL 7016 Anthracite Gray
RAL 9005 Jet Black

Please note that standard AMICOAT™ colors shown in here are for reference only as they can deviate slightly from the actual colors depending on electronic screen or printing.

ANC Modular Barrier Fence™ (backside)

AMICO®
PERIMETER SECURITY

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