

AMIGUARD DUALGUARD MESH™



AMIGUARD DualGuard Mesh™ 5700/7700



AMICO®
PERIMETER SECURITY

AMIGUARD DUALGUARD MESH™



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The AMIGUARD DualGuard™ dual layer infills provides added security. The additional infill 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 makes 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 $1 + 1 > 4!$

OVERVIEW

855-552-6426
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Deter

The Planning for Physical Security follows the Deter, Detect, Delay, Deny steps. Deter is the first step, it aims to discourage the adversary's actions of attempting to breach a security fence to begin with intimidating signage and fence design. If the risk of being caught or the consequences seems high, adversaries are likely to move onto another target. The AMIGUARD DualGuard™ fence is a major contributor to deterrence as it is looks as tough as it is to breach.



Delay & Deny

Delay is an important aspect of the security planning and security fencing design. The AMIGUARD DualGuard™ fence design includes two independent fencing infills spaced a few inches apart. While access to the first panel is straight forward, access to the second panel is extremely difficult if bad actors have to rely on a small 2' x 2' opening. They either have to cut a larger opening into the first mesh or have to cope with limited access to the second panel.

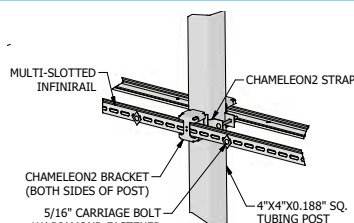
The increased breach time of the AMIGUARD DualGuard™ typically buys sufficient time for first responders to respond and to capture the bad actors.



AMIGUARD® Infills

The AMIGUARD DualGuard™ fence works with any of the AMIGUARD® Infills like the AMIGUARD® 4000 Series Palisade Pales, the AMIGUARD® 5000 Series Welded Wire Panels, the AMIGUARD® 6000 Series Security Expanded Metal Mesh or the AMIGUARD® 7000 Series High Security Expanded Metal Mesh. The infills could be identical, or chosen based on aesthetics for the attack side mesh and breach times for the secure side.

The orientation of two identical expanded metal panels is typically rotated to add extra toughness. The two infills of the AMIGUARD DualGuard™ design need either be different or rotated to prevent cutting both infills in the same cutting operation.

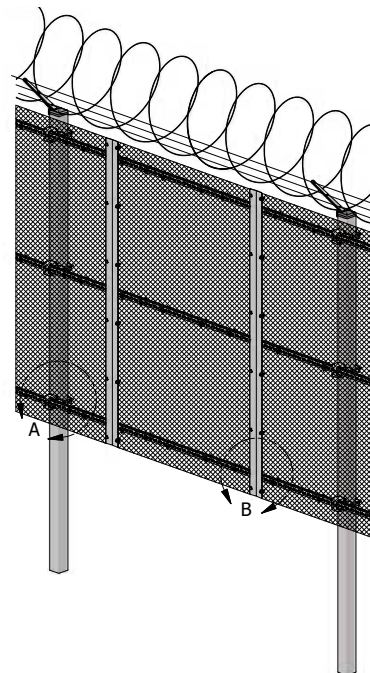
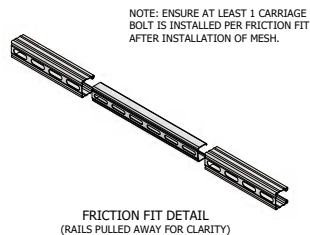
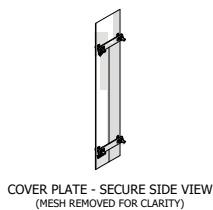
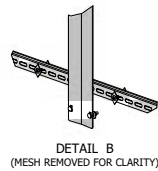
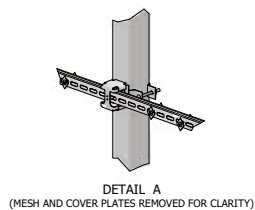
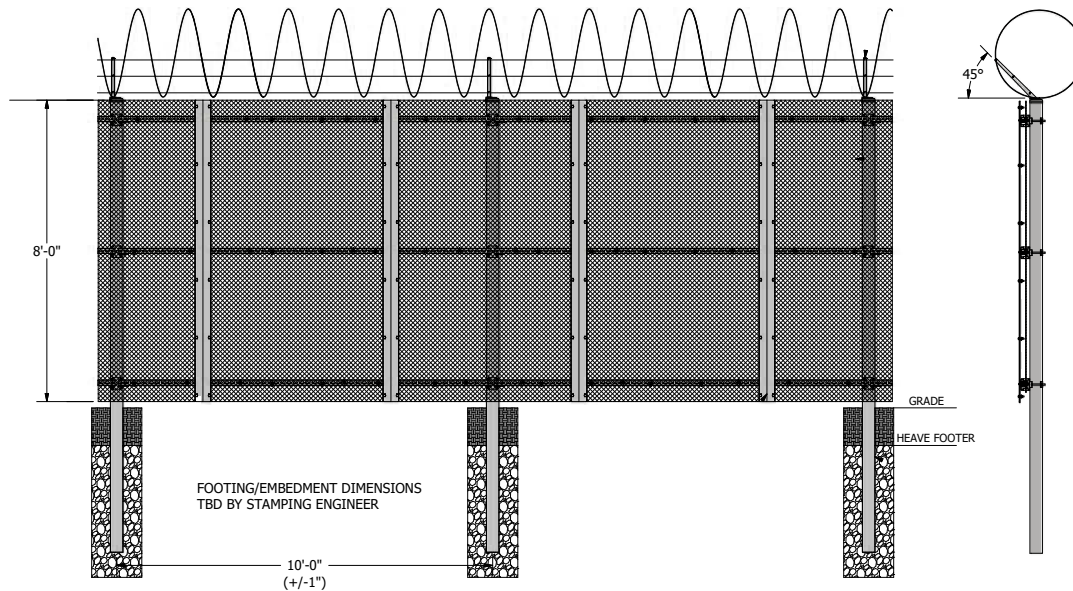


DualGuard Plus™

AMIGUARD DualGuard Plus™ provides added security. This dual mesh/ dual rail design increases the breach times by adding extra spacing between the infill on the attack side and the secondary infill on the secure side of the fence. Depending on the post size add at least 6" of extra spacing between the two infills making a successful breach very difficult.

DUALGUARD MESH™ DETAILS

TOPPERS AVAILABLE: BARBED WIRE, RAZOR WIRE & SHARK TOOTH TOPPER



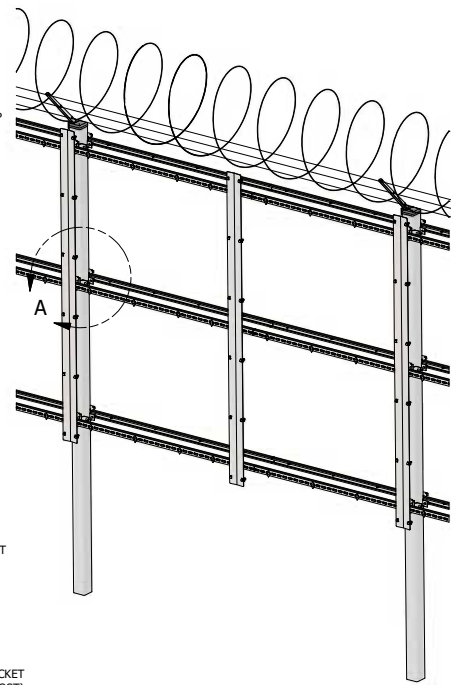
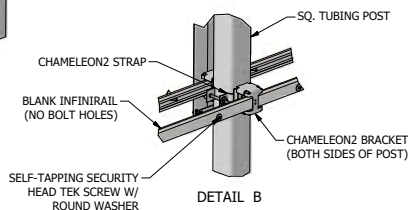
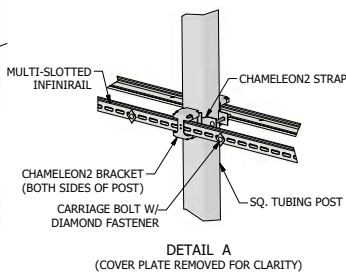
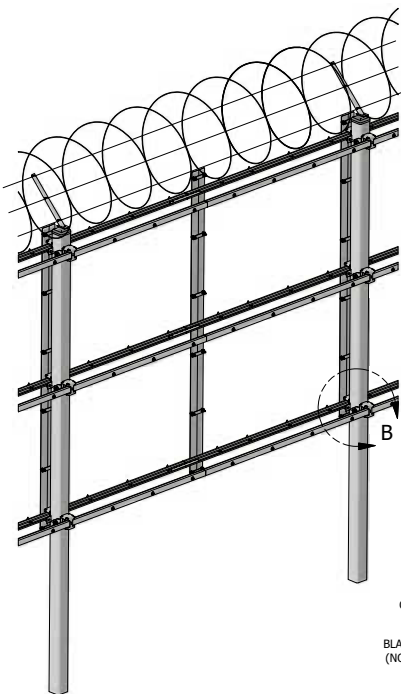
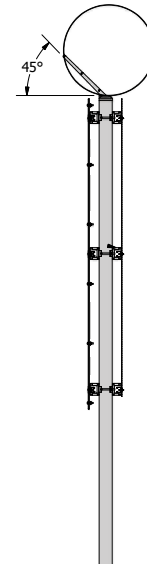
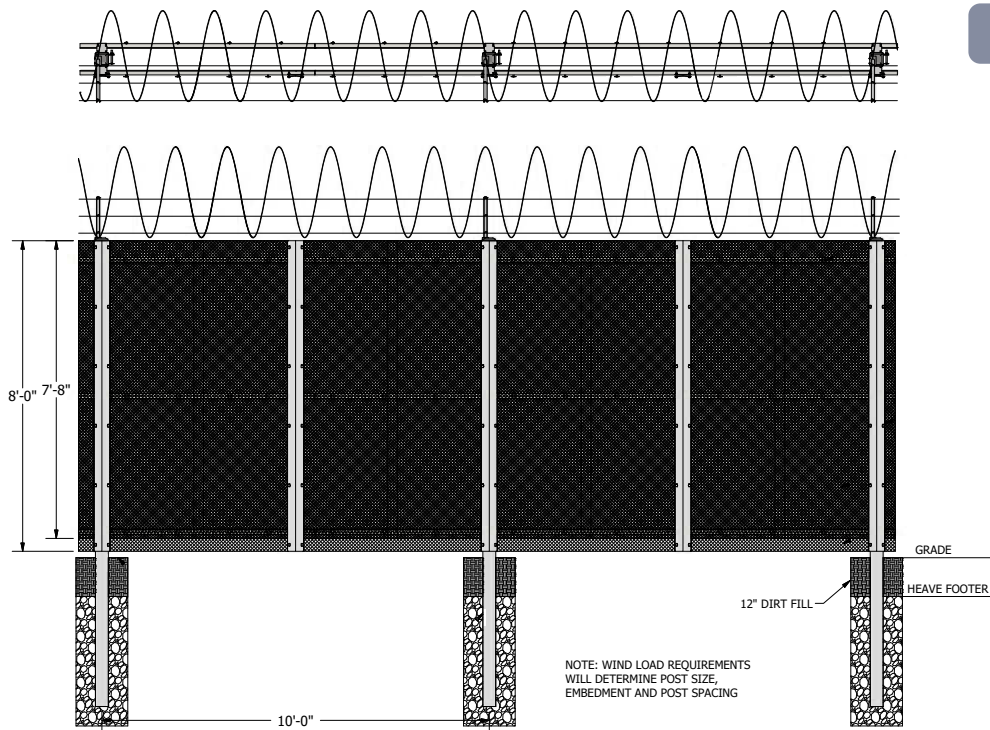
DualGuard Mesh™

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.

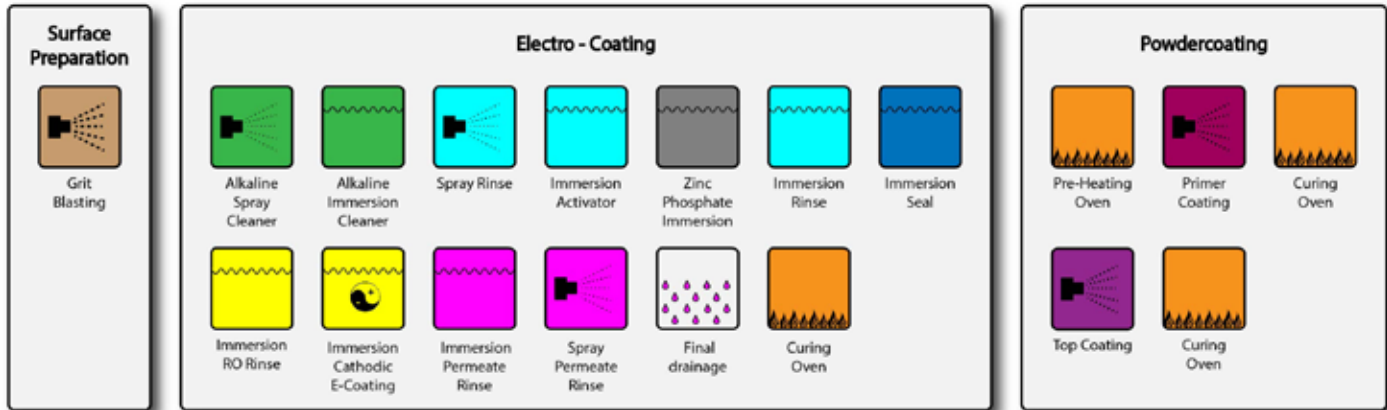
DUALGUARD PLUS MESH™ DETAILS

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DualGuard Plus Mesh™



Powder Coating over E-Coating

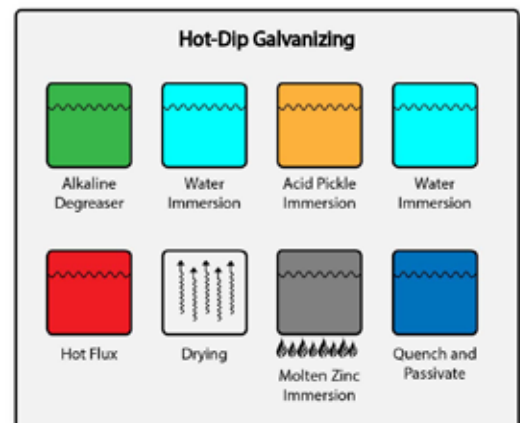


AMICO Security offers three highly corrosion resistant finishing options:

- 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

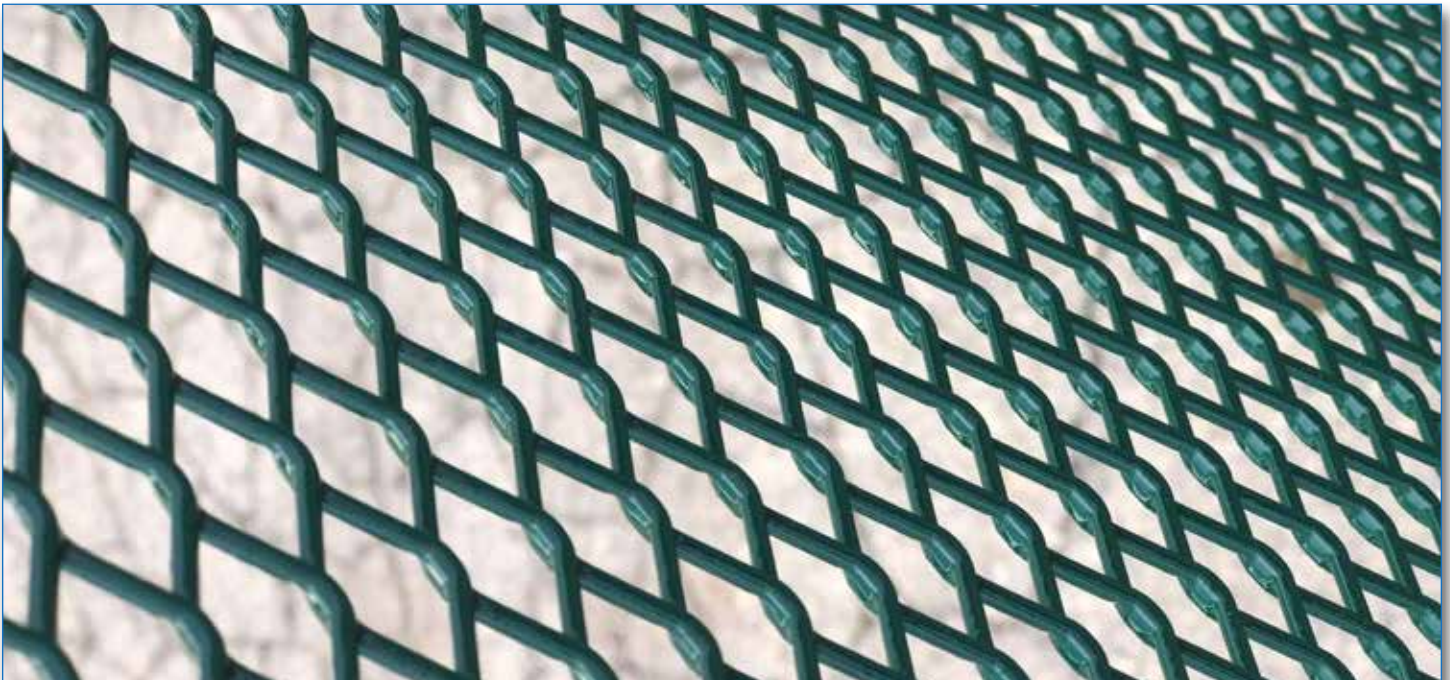


Duplex Coating

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.



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



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.



DualGuard Mesh™
5700/7700 (top pictures)



Modular barrier fence™ with
DualGuard Mesh™ 6300/6300
(middle and bottom picture)



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