TheCornerGuardStore.com

Complete Documentation Package

CG-DP-125-244.5-90 | 24in x 4.5in x 4.5in - 90 Degree, 125, Tread Brite, Mirror Finish, Aluminum Diamond Plate Corner Guard

Product

Diamond Plate Corner Guard
24in x 4.5in x 4.5in(609.6mm x 114.3mm x 114.3mm)
90 Degree, 125, Tread Brite, Polished #8 (Mirror) Finish

Specifications

Specification	
Product	Diamond Plate Corner Guard
Width	4.5"
Height	24"
Material	Diamond Plate
Duty	Heavy
Finish	Tread Brite
Degree	90, 135, Custom
Gauge	.125
Lead Time	Std Lead Time: Approx 6-8 bus. days until shipment Large QTY Lead Time: Approx 8-12 bus. days until shipment Options may increase lead time If you need something sooner, please check the Category: Ships Today or call 800-516-4036
Options available	Basic, Self-Stick Tape, Wings, Holes, Wings & Holes, ArtDeco, ArtDeco with Self-Stick Tape, Rounded Corners, Rounded Corners with Self-Stick Tape, Rounded Corners with Wings, Rounded Corners with Holes, Rounded Corners with Wings & Holes

Included Documents

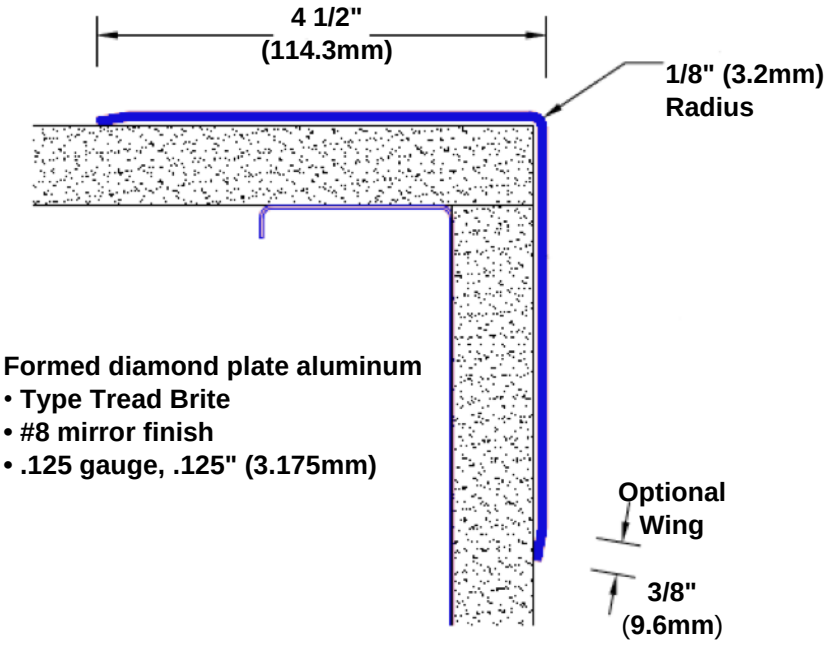
Document	Page
Drawing 90 Deg - Hole Pattern Approximate	2
Drawing 135 Deg - Hole Pattern Approximate	3
Drawing - 2020 Corner Guard Hole Pattern	4
Suggested Specifications	11
TheCornerGuardStore Warranty	13
Installation Instructions for Diamond Plate Corner Guards	17

Pricing is shown on the product page; quantity pricing is available on request.

TheCornerGuardStore

Diamond Plate Aluminum Corner Guard

24" x 4 1/2" x 4 1/2" x 90°



Formed diamond plate aluminum
- **Type Tread Brite**
- **#8 mirror finish**
- **.125 gauge, .125" (3.175mm)**

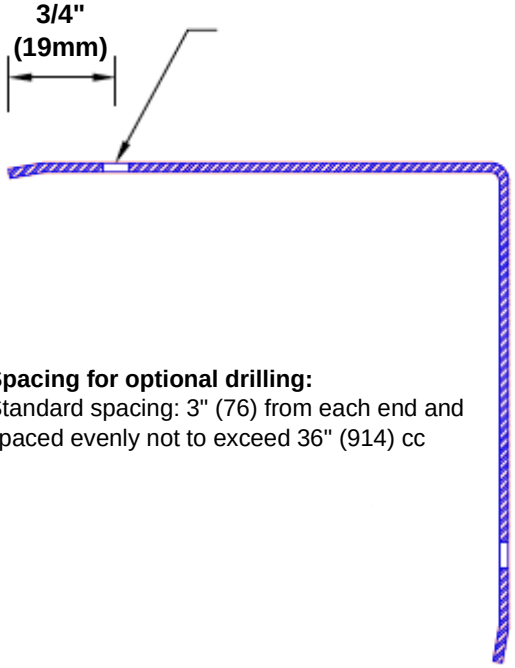
Features:

- Custom lengths, angles and wing sizes
- Available with 3/4" (19) radius
- Type Tread Brite diamond plate aluminum
- Stock lengths: 4' (1219mm) & 8' (2438mm)

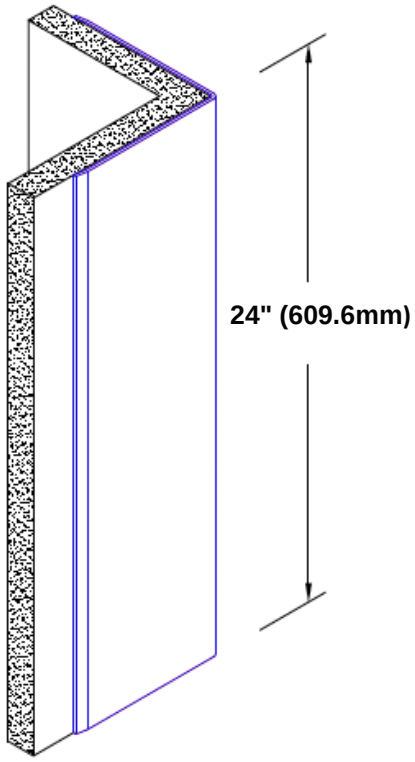
Mounting Options:

- Standard mounting Adhesive:
  Construction adhesive supplied separately
- Optional mounting Standard Drilling:
  Clearance holes for #8 fastener wood screw.

  Countersunk Drilling:
  #8 x 1 1/4" (31.75mm) oval head wood screw supplied separately as required.



Spacing for optional drilling:
Standard spacing: 3" (76) from each end and spaced evenly not to exceed 36" (914) cc



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CG-DP-125-244.5-90

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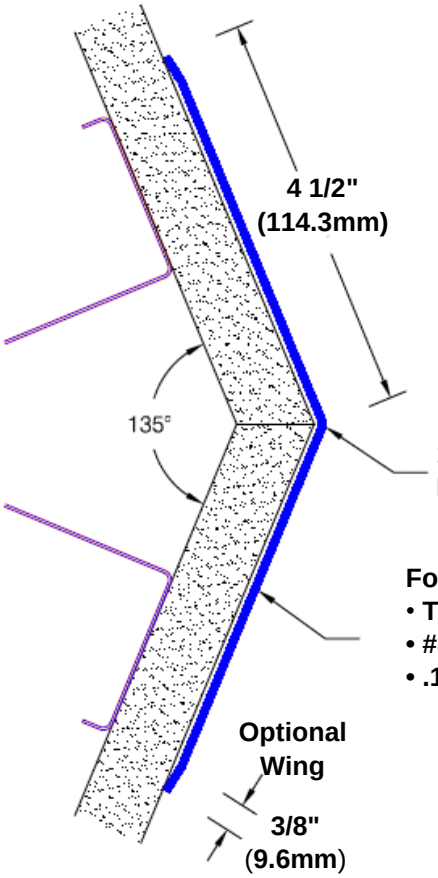
Diamond Plate Aluminum Corner Guard

24" x 4 1/2" x 4 1/2" x 135°



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Features:

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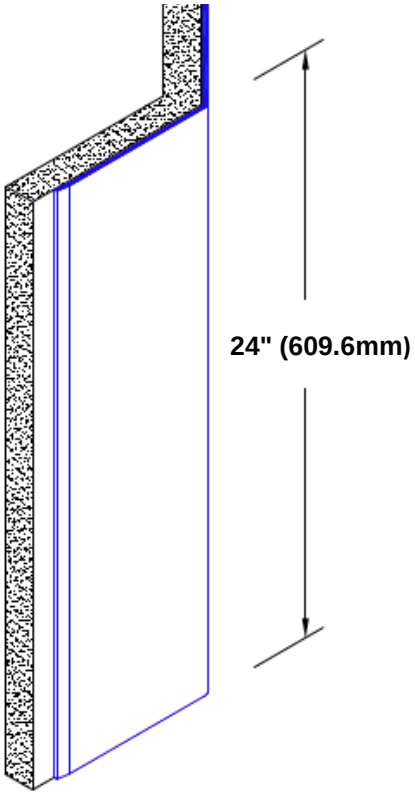

Spacing for optional drilling:
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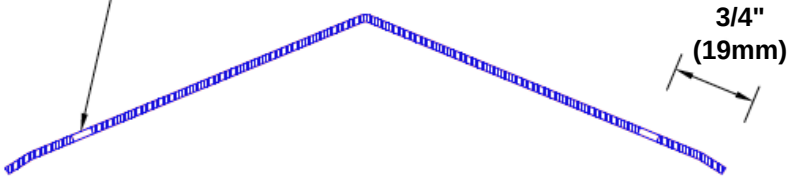

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CG-DP-125-244.5-135

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

TheCornerGuardStore Hole Patterns for Corner Guards

Page 2 - 2ft Corner Guard Hole Pattern

Page 3 - 3ft Corner Guard Hole Pattern

Page 4 - 4ft and 5ft Corner Guard Hole Pattern

Page 5 - 6ft Corner Guard Hole Pattern

Page 6 - 7ft to 8ft Corner Guard Hole Pattern

Page 7 - Over 8ft Corner Guard Hole Pattern

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± .XX± .XX ± _1
.XXX±.XXX

MATERIAL
Aluminum, Pre-Anodized Aluminum, Brass, Diamond Plate, Stainless Steel or any metal corner guard

FINISH
#4 or #8

THECORNERGUARDSTORE
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B | DWG. NO. | REV.

SCALE | CAD FILE: | SHEET 1 OF 1

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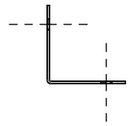

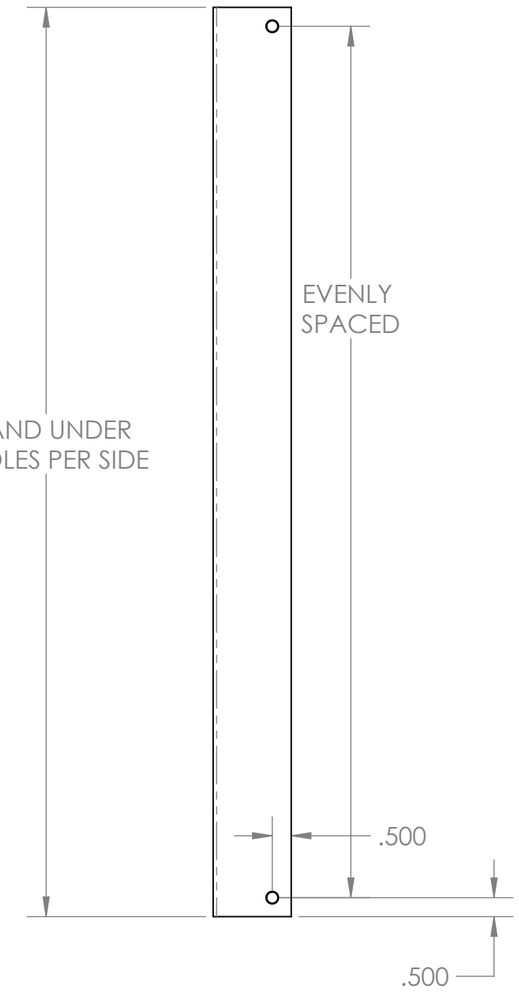

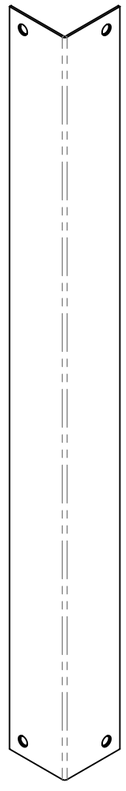

UNLESS OTHERWISE SPECIFIED
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FRACTIONS DECIMALS ANGLES
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.XXX±.XXX

MATERIAL
Aluminum, Pre-Anodized Aluminum, Brass, Diamond Plate, Stainless Steel or any metal corner guard

FINISH
#4 or #8

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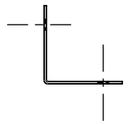

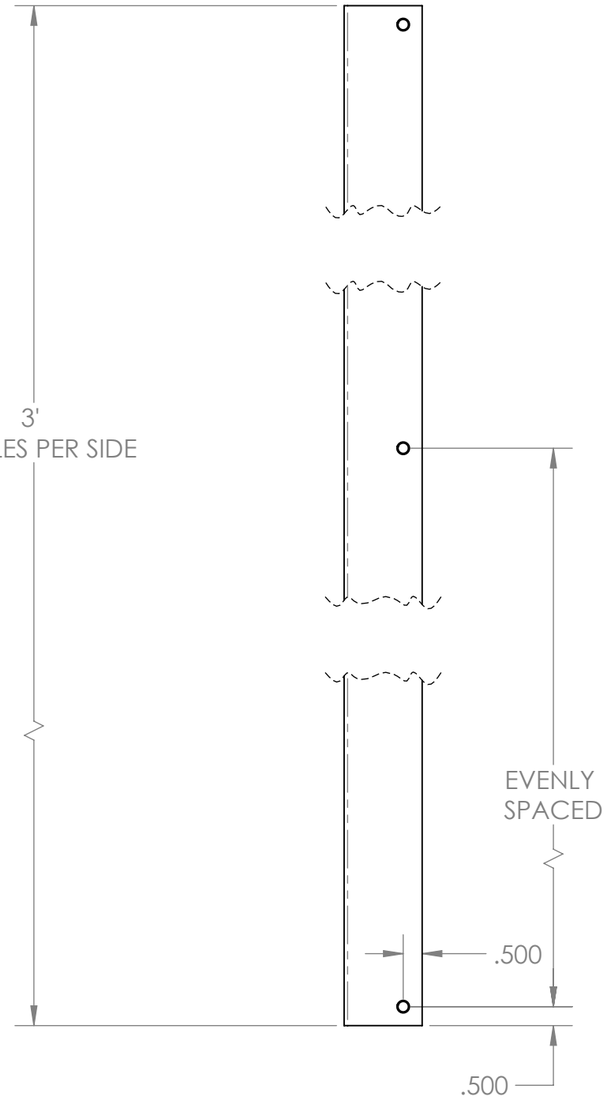

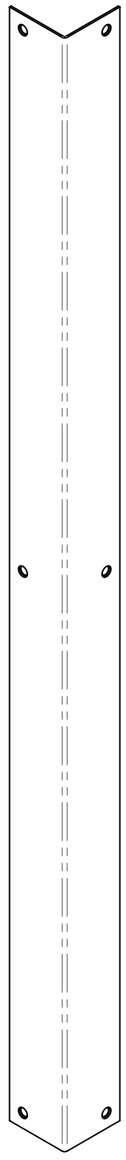

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± .XX± .XX ± 1
.XXX±.XXX

MATERIAL
Aluminum, Pre-Anodized Aluminum, Brass, Diamond Plate, Stainless Steel or any metal corner guard

FINISH
#4 or #8

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B | DWG. NO. 36X2X2 | REV.

SCALE | CAD FILE: | SHEET 1 OF 1

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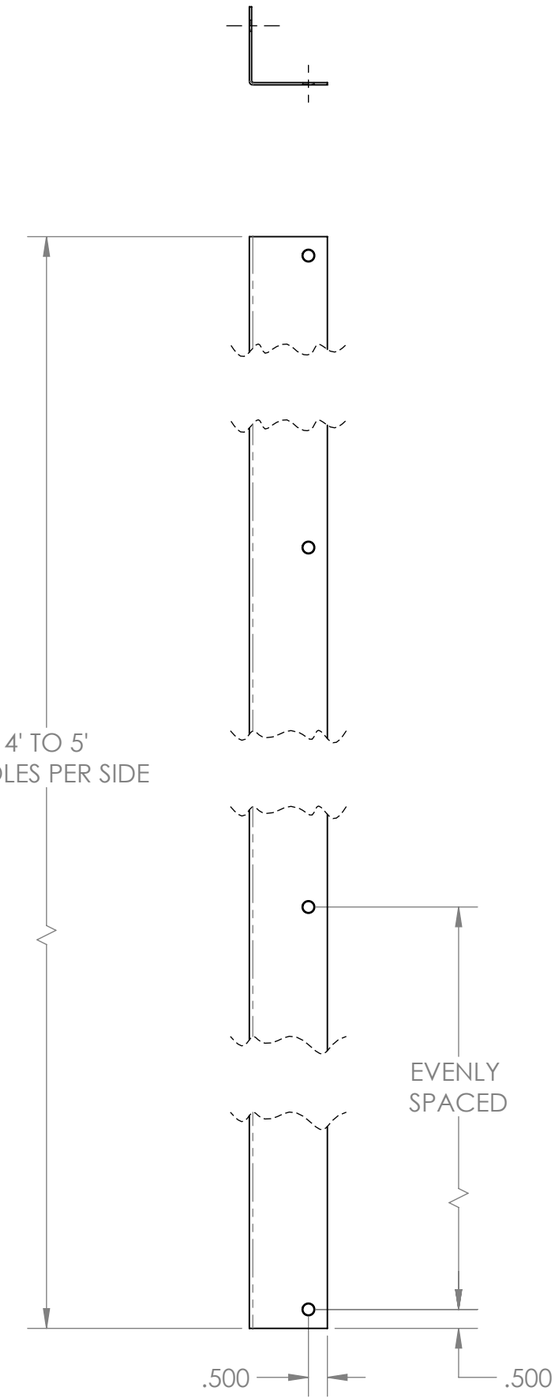

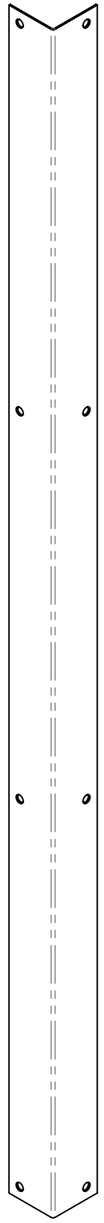

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± .XX± .XX ± 1
.XXX±.XXX

MATERIAL
Aluminum, Pre-Anodized Aluminum, Brass, Diamond Plate, Stainless Steel or any metal corner guard

FINISH
#4 or #8

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B | DWG. NO. 4 TO 5 X2X2 | REV.

SCALE | CAD FILE: | SHEET 1 OF 1

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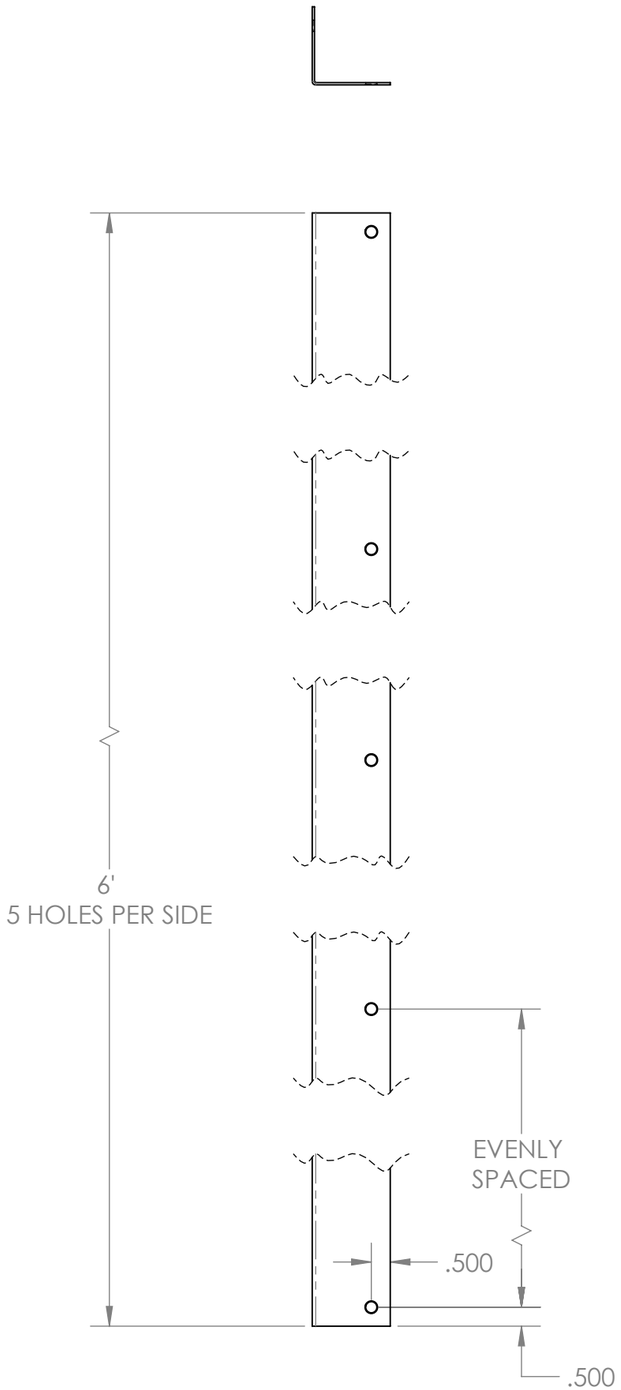

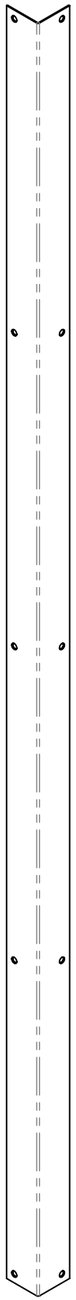

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FRACTIONS DECIMALS ANGLES
± .XX± .XX ± 1
.XXX±.XXX

MATERIAL
Aluminum, Pre-Anodized Aluminum, Brass, Diamond Plate, Stainless Steel or any metal corner guard

FINISH
#4 or #8

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B | DWG. NO. 72X2X2 | REV.

SCALE | CAD FILE: | SHEET 1 OF 1

REVISIONS			
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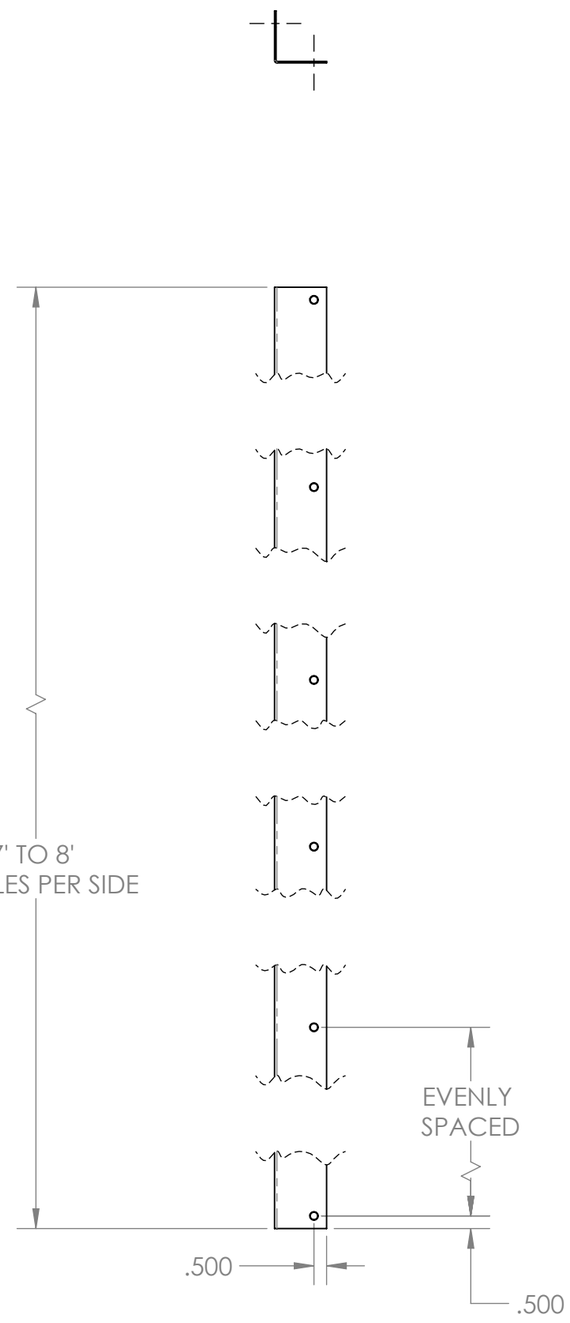

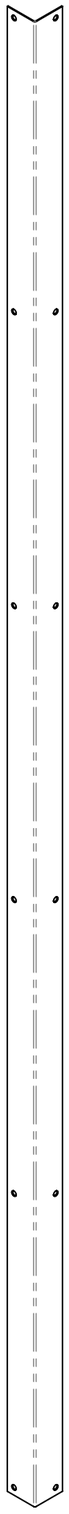

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± .XX± .XX ± _1
.XXX±.XXX

MATERIAL
Aluminum, Pre-Anodized Aluminum, Brass, Diamond Plate, Stainless Steel or any metal corner guard

FINISH
#4 or #8

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B | DWG. NO. 7 TO 8 X2X2 | REV.

SCALE | CAD FILE: | SHEET 1 OF 1

REVISIONS			
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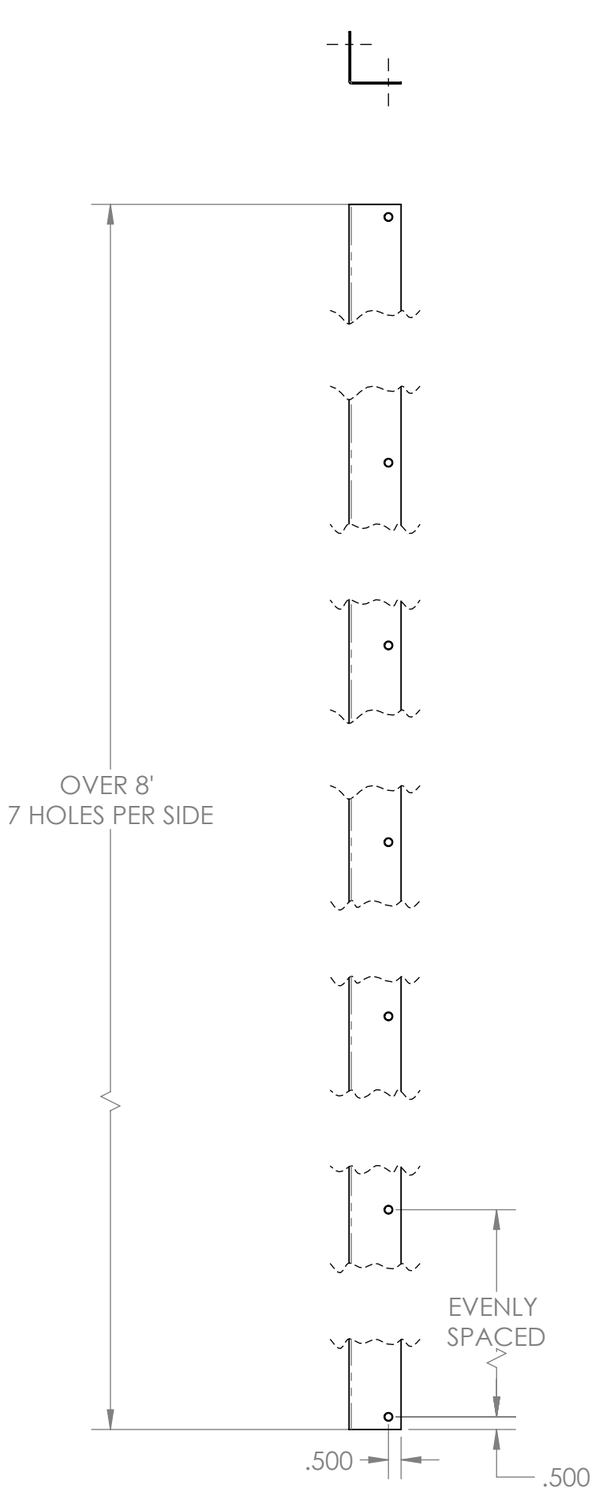

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.XXX±.XXX

MATERIAL
Aluminum, Pre-Anodized Aluminum, Brass, Diamond Plate, Stainless Steel or any metal corner guard

FINISH
#4 or #8

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B | DWG. NO. OVER 8FT X2X2 | REV.

SCALE | CAD FILE: | SHEET 1 OF 1

THECORNERGUARDSTORE™
SUGGESTED SPECIFICATIONS - SECTION 10 26 13
MODEL CG-DP-125-244.5-90
24" x 4 1/2" x 4 1/2" - DIAMOND PLATE ALUMINUM CORNER GUARD

Part 1 - GENERAL

1.01 SUMMARY

A. This section includes the following types of wall protection systems:
  1. Corner Guards

B. Related Sections
  1. Section 10 26 16 - Bumper Guards
  2. Section 10 26 23 - Protective Wall Covering
  3. Door and Frame Protection
  4. 09 22 00 - Supports for Plaster and Gypsum Board

1.02 REFERENCES

A. American Society for Testing and Materials (ASTM)

1.03 SUBMITTALS

A. General: Submit the following in accordance with conditions of contract and Division 1 specification section 01 33 00 "Submittal Procedures".

B. Product data and detailed specifications for each system component and installation accessory required, including installation methods for each type of substrate.

C. Shop drawings showing locations, extent and installation details of corner guards. Show methods of attachment to adjoining construction.

D. Samples for verification purposes: Submit the following samples, as proposed for this work, for verification of guard.

E. Product test reports from a qualified independent testing laboratory showing compliance of each component with requirements indicated.

F. Maintenance data for wall protection system components for inclusion in the operating and maintenance manuals specified in Division 1.

1.04 QUALITY ASSURANCE

A. Installer qualifications: Engage an installer who has no less than 3 years experience in installation of systems similar in complexity to those required for this project.

B. Manufacturer's qualifications: Not less than 5 years experience in the production of specified products and a record of successful in-service performance.

C. Single source responsibility: Provide all components of the wall protection system manufactured by the same company to ensure compatibility of color, texture and physical properties.

1.05 DELIVERY, STORAGE AND HANDLING

A. Deliver materials to the project site in unopened original factory packaging clearly labeled to show manufacturer.

B. Material must be stored flat.

C. Handling: Take adequate measure to prevent damage to materials.

1.06 PROJECT CONDITIONS

A. Ambient Conditions: Do not install wall protection products until installation areas are enclosed and weatherproof. HVAC system must be operational and maintaining temperature at 65°-75°F (18°-24°C) for at least 72 hours prior to installation.

Part 2 - PRODUCTS

2.01 MANUFACTURERS

A. TheCornerGuardStore.com

11445 E Via Linda, Suite 2323, Scottsdale, AZ 85259
Tel: 800-516-4036

2.02 DESCRIPTION

A. Model: CG-DP-125-244.5-90 - 24” (609.6mm) x 4 1/2” (114.3mm) x 4 1/2” (114.3mm) x 90° Surface mounted diamond plate aluminum corner guard with a 1/8" (3.2mm) radius corner. Construction adhesive included for standard installation. Available pre-drilled or pre-drilled and countersunk for use with mechanical fasteners. Angles other than 90° and 135° and wings other than 4 1/2” (114.3mm) are available.

2.03 MATERIALS

A. Diamond Plate Aluminum: Type Tread Brite, .125 gauge, with a #8 mirror finish.

B. Adhesive: Polyurethane based construction adhesive.

2.04 FABRICATION

A. Corner guards shall be factory formed from diamond plate aluminum sheet.

1. Lengthwise perimeter edges to include an optional nominal 10° return bend. (Wings Option)
2. Edge burrs shall be removed.
3. Satin finish grain oriented parallel with length.
4. Single piece fabrication to 144” (3658) in length.

2.05 ACCESSORIES

A. Mechanical Fasteners:

1. For Optional Pre-drilled Holes: Stainless steel #8 x 1 1/4” Philips oval head wood screw with stainless steel cup washer.
2. For Optional Pre-drilled and Countersunk Holes: Stainless steel #8 x 1 1/4” Philips oval head wood screw.
3. Tamper resistant fasteners available.

Part 3 - EXECUTION

3.01 EXAMINATION

A. Verification of conditions: Examine areas and conditions under which work is to be performed and identify conditions detrimental to proper or timely completion.

1. Do not proceed until unsatisfactory conditions have been corrected.

3.02 PREPARATION

A. Surface preparation: Prior to installation, clean substrate to remove dirt, debris and loose particles. Perform additional preparation procedures as required by manufacturer’s instructions.

B. Protection: Take all necessary steps to prevent damage to material during installation as required in manufacturer’s installation instructions.

3.03 INSTALLATION

A. Install the work of this section in strict accordance with the manufacturer’s recommendations, using only approved mounting hardware, and locating all components firmly into position, level and plumb.

3.04 CLEANING

A. General: Immediately upon completion of installation, clean material in accordance with manufacturer’s recommended cleaning method.

B. Remove surplus materials, rubbish and debris resulting from installation as work progresses and upon completion of work.

3.05 Protection

A. Protect installed materials to prevent damage by other trades. Use materials that may be easily removed without leaving residue or permanent stains.

Limited Warranty

Quippini, LLC dba TheCornerGuardStore.com

Quippini, LLC dba TheCornerGuardStore.com ("TheCornerGuardStore," "we," "our") warrants that the products we sell will be free from defects in material and workmanship when properly installed and used in accordance with the product's intended application and our recommended installation instructions. The length of coverage varies by product category and manufacturer, as described below.

This warranty extends only to the original purchaser and is not transferable. Proof of purchase (order number or invoice) is required for all claims.

Coverage by Product Category

Coverage Period	Products Covered
Lifetime	Aluminum, stainless steel, and solid brass corner guards, flat stock, and end caps — covering the metallic substrate against defects in material and workmanship for the lifetime of the building in which the product is installed. Coverage applies regardless of whether the product was ordered with self-stick tape; see "Self-Stick Tape" below.
10 Years	Rigid vinyl (PVC) and high-impact plastic corner guards and wall protection components, against defects in material and workmanship and against color fade beyond industry-standard tolerances when used in indoor applications.
5 Years	Rubber bumper guards, heavy-duty rubber corner guards, painted or powder-coated finishes on metallic substrates, and impact-rated composite products, against defects in material and workmanship.

Self-Stick Tape

This section applies to every product ordered with self-stick tape, including metal, vinyl, and rubber products. Products ordered with self-stick tape are covered under this Limited Warranty according to the product's material category and any applicable manufacturer warranty. For aluminum, stainless steel, and solid brass, that means Lifetime coverage of the metallic substrate against defects in material and workmanship.

The self-stick tape itself is not a warrantied component. Tape is offered as an installation convenience, and its long-term hold depends on factors outside our control, including wall surface, paint condition, cleanliness, temperature, humidity, and the amount of impact the product receives. We cannot guarantee that tape will perform as well as mechanical fasteners through pre-drilled holes or a full bed of construction adhesive. Loosening, shifting, or detachment of a product installed with self-stick tape is not a warranty defect, and neither is any damage to the wall or product that results.

For high-traffic areas, heavy impact, or permanent installations, we recommend pre-drilled holes with fasteners or construction adhesive, alone or together with the tape. Contact us at (800) 516-4036 or sales@TheCornerGuardStore.com if you'd like help choosing a mounting method.

Manufacturer Coverage Alignment

For products manufactured by a third party, our coverage runs concurrently with, and does not exceed, the manufacturer's own published warranty. Where the manufacturer provides a shorter period than the tier above, the manufacturer's warranty governs. Where the manufacturer provides a longer period, the manufacturer's warranty governs and we will process the claim with the manufacturer. The current published terms for our major manufacturers are:

Manufacturer	Warranty Terms
InPro Corporation (IPC)	Limited Lifetime against defects in material and workmanship, across the IPC Door and Wall Protection product line (including stainless steel, rigid vinyl, flexible vinyl, high-impact vinyl, and heavy-duty rubber corner guards). Products must be installed in an interior climate-controlled environment.
Construction Specialties (CS Group) — Acrovyn®	Limited Lifetime against defects in material and workmanship when installed using CS System Accessories and Assemblies (CS-supplied adhesives, primer, trims, caulk, fasteners, and brackets). When installed without CS System Accessories and Assemblies, coverage is 5 years on material defects.
Pawling Corporation	5 years from date of shipment against defects in materials under proper use and service. This applies to all Pawling-branded corner guards, wall guards, handrails, and related wall protection products.
Other manufacturers	Coverage matches the manufacturer's published warranty for their products. Warranty documents from specific manufacturers are available on request.

For corner guards, flat stock, and end caps manufactured by or for TheCornerGuardStore (aluminum, stainless steel, brass), coverage follows the product-category tiers above and is not subject to a third-party manufacturer warranty.

What We'll Do

If a covered product fails to meet this warranty, we will, at our option, replace the defective product at no charge. Replacement includes standard ground shipping within the United States and Canada. We will not be responsible for:

- Labor or installation costs for removing the original product or installing the replacement
- Costs to access the product (for example, scaffolding, lift equipment, or demolition of adjacent finishes)
- Any incidental, consequential, or indirect damages of any kind

What's Not Covered

This warranty does not cover damage or failure caused by:

- Impact exceeding the product's published design criteria, vandalism, or abuse
- Installation that does not follow our recommended instructions or the manufacturer's instructions, including use of fasteners, adhesives, or substrates other than those specified

- Modification or alteration of the product after purchase
- Exposure to chemicals, cleaners, or environmental conditions outside the product's rated application (for example, using an interior-rated product outdoors, or exposure to solvents, acids, or abrasive cleaners)
- Installation in an environment outside the manufacturer's specified temperature and humidity range
- UV degradation or color fade on products not rated for direct sunlight
- Normal wear, scratches, scuffs, dents, and cosmetic changes consistent with ordinary use
- Natural patina or tarnish on uncoated brass
- Self-stick tape and its adhesive bond, including loosening, shifting, or detachment of a product installed with self-stick tape, and any resulting damage
- Failure of the substrate to which a self-adhesive product was applied (for example, paint delamination, drywall damage, or dust contamination preventing adhesion)
- Products that have been discontinued by the manufacturer
- Products used for purposes other than their intended application
- Accidents, acts of God, and other occurrences beyond our or the manufacturer's control, including fire, flood, and civil unrest

How to File a Claim

To file a warranty claim, please email sales@TheCornerGuardStore.com or use our Contact Us page, and include:

- Your order number or a copy of your invoice
- The product SKU and quantity affected
- A description of the defect or failure
- Clear photos showing the defect and the installation context
- Installation date and a brief description of the installation method (fasteners and/or adhesive used)

We will acknowledge your claim within three business days and work to resolve it promptly. In most cases we can assess a claim from photos and documentation; in some cases we may request that the product (or a sample) be returned for inspection, or that the manufacturer's field representative examine the installation.

Definitions

- **Lifetime** means the usable life of the building in which the product is installed, subject to the exclusions and conditions of this warranty.
- **Original purchaser** means the person or entity that purchased the product directly from TheCornerGuardStore.com. This warranty is not transferable to subsequent owners or tenants.
- **Properly installed** means installed using the fasteners, adhesives, substrates, and methods specified in the product's installation instructions, or, where those instructions are silent, using methods consistent with generally accepted construction practice.
- **Self-stick tape** means any pressure-sensitive adhesive tape applied to a product at the factory or supplied with it for mounting.
- **CS System Accessories and Assemblies** means CS-supplied adhesives, primer, trims, caulk, fasteners, and brackets required for Acrovyn's full Limited Lifetime coverage per Construction Specialties' warranty terms.

Limitation of Liability

To the extent permitted by law, this warranty is in lieu of all other warranties, express or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. Our liability under this limited warranty is limited to replacement of the defective product as set forth above and does not include any responsibility for incidental or consequential damages of any kind. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Orders Placed Before September 30, 2026

If you purchased a product from TheCornerGuardStore.com before September 30, 2026, the warranty terms in effect on the date of your purchase continue to apply to that order. This revised policy applies only to orders placed on or after September 30, 2026. Copies of prior versions of this warranty are available on request.

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Effective September 30, 2026

Diamond Plate – "TreadBrite" Corner Guards – Installation Instructions

Using Adhesive

STEP 1
Wall surfaces must be clean, dry, and free from dust and grease. Prepare the wall by cleaning the wall surface with mild soap.

STEP 2
Using a zig-zag pattern apply construction adhesive (i.e.: Liquid Nails) to each inside wing of the corner guard.

STEP 3
Place the corner guard on wall and shift its position slightly to spread adhesive, then remove the corner guard from the wall for one minute to "air", which accelerates drying. After 1 minute reattach the corner guard to the wall.

STEP 4
For installation over vinyl wall coverings, follow the above instructions; please be aware that the adhesive will not adhere properly to the vinyl. You will need to cut away a small strip of the vinyl under each wing of the corner guard to adhere to the surface of the wall.

STEP 5
Once the corner guard has been installed, remove the protective covering.

Using Screws – 1", #8 Phillips Head

STEP 1
Position the corner guard on the wall at the desired location and mark the hole locations on the wall.

STEP 2
Drill screw holes at each mark made on the wall.

STEP 3
Clean the wall to remove and dust or plaster.

STEP 4

Position the guard back on the wall at the desired location and attach to the wall using the factory supplied screws.

STEP 5
Once the corner guard is installed, remove the protective covering

Storage & Handling

Store the finished corner guards in a clean and dry area. Material must reach 65° F. min to 75° F. max 24 hours prior to installation.

Cleaning Instructions

For basic cleaning, including fingerprints, use warm water with a mild soap or an organic solvent (e.g., Acetone, alcohol, methylated spirits), sponge rinse with clean water and wipe dry following the polish lines. For more difficult stains and grease use an organic solvent, mild cleaning, or specialty stainless steel cleaners. Use a sponge, rag, or soft fiber brush to clean, rinse well with a sponge and clean water and wipe dry following the polish lines. Always follow the instructions on all cleaning products prior to use.

Caution

DO NOT walk on the corner guards.
DO NOT store anything on top of the corner guards.