

Stainless Steel Corner Guards

Technical Data



This 16 Gauge, 304 stainless steel is used in a variety of environments – from loading docks in industrial warehouses to hospital corridors and commercial kitchens.

Product Highlights:

- Sizes: Standard Sizes and Custom Sizes up to 12' high
- Type: 304 Stainless-Steel alloy; Type 316 and 430 also available
- Gauges: 16 Standard; 14, 18, & 20 available in limited sizes
- Nosing: 90° and 135° standard; ¾" Bullnose also available
- Install Method: Double-Sided Tape; Pre-Drilled Holes, and Counter sunk Holes (with hardware); Premium Construction Adhesive can also be employed
- Finish: Brushed #4 satin finish
- Composition: 82% iron, 18-20% chrome and 8-11% nickel.
- Tensile Strength: 90,000 PSI (540 MPa)
- Yield Strength: 40,000 PSI (276 MPa)
- Density: 8.00 g/cm³
- Melting Point: 1450°C
- Modulus of Elasticity: 193GPa
- Electrical Resistivity: 0.72 x 10⁻⁶ Ω.m
- Thermal Conductivity: 16.2 W/m.K
- Thermal Expansion: 17.2 x 10⁻⁶/K

Flammability Specs:

FIRE TESTING STANDARD: UL-723 (ASTM E84)

FIRE PERFORMANCE CHARACTERISTICS

	Wood	Metal
Flame Spread:	10	0
Smoke Developed:	15	0

NATIONAL CODE REFERENCE

International Building Code

Life Safety Code (Sec. 6-5.2)

BOCA (Sec. 803.4)

Standard Building Code (Sec.803.2)

Uniform Building Code (Sec. 801)

MATERIAL RATING

Class A

Class A

Class 1

Class A

Class 1

Certification & Testing:

ASTM E84 Class A/1 (Does not apply to powder coated models)

California 01350 Testing (VOC Emissions)