

Machine Guarding Specifications



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360 Guarding Company Background

360 Guarding has been designing, fabricating and installing machine guarding for many years now, and has been very successful in taking the approach of looking beyond the guarding.

360 Guarding was formed in 2005 with its initial focus being to design and fabricate guarding based on modular posts and panels. However, our early success was met with additional demands from our customers for more customization and innovation. Our vision for the company then changed and a new strategy was established to become a true “turnkey” or “one stop” supplier for all of your safety needs. As a result, we developed a complete product line that includes swing doors, overhead doors, sliding doors, pneumatic lift guards, no overhead obstruction sliding doors, specialized panels and tough, durable posts. These safety systems are now installed throughout North America, South America, Europe and Australia and are used for various applications across all industries.

360 Guarding is committed to providing a full range of safety solutions to help increase our customer’s safety, productivity and competitiveness. With a complete in house design staff, professional fabricators and skilled installers and electricians, we are positioned to manufacture and install safety systems that exceed our customer’s expectations.

Advantages to Choosing 360 Guarding

360 Guarding provides a modular guarding system that is not only durable and easy to install, but has an extremely professional appearance. A great deal of pride is taken in the quality of workmanship involved in manufacturing each 360 Guarding system. In addition, 360 Guarding has a team of experienced, knowledgeable professionals who will work with you to design and install a guarding system with an ultimate goal of exceeding the end customer’s expectations in mind.

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Notes

The hi-lighted fields show the standard options (i.e. mesh size and colour); these can be adjusted as per the needed requirements of the end customer and application.

POSTS		
Post		2.000" X 2.000" X 0.125" HSS Steel Tubing GA-500C
Base Plate		6.00" X 6.00" X 0.250" Steel Flat Bar CSA G40.21 GR44W
Panel Rest		2.00" X 1.00" X 0.188" Steel Channel CSA G40.21 GR44W
Top Cap		2.00" X 2.00" Press Fit Black Plastic
Nutsert		0.25" X 20 x 0.3125" Press Fit
Paint	Type:	Powder Paint -Polyester
	Colour:	Safety Yellow
	Appearance:	Smooth

PANELS		
Frame		1.500" X 1.500" 14 Ga. HR Split Seam Square Tubing 0.125" Seam Opening CSA G40.21 GR44W
Wire Mesh		1.000" X 1.000" X 0.125" Welded Wire Mesh
Nutsert		0.25" X 20 x 0.3125" Press Fit
Panel Brackets		1.000" X 3.000" X 0.250" Stamped Offset CSA G40.21 GR44W
Paint	Type:	Powder Paint -Polyester
	Colour:	Satin Black
	Appearance:	Smooth

SWING DOORS		
Frame		1.500" X 1.500" 14 Ga. HR Split Seam Square Tubing 0.125" Seam Opening CSA G40.21 GR44W
Wire Mesh		1.000" X 1.000" X 0.133" Welded Wire Mesh with
Cross Members		0.500" X 1.500" X 0.250" Structural Steel Channel CSA G40.21 GR44W
Lock Box		4.750" X 1.625" X 3.380" 14 Ga. Formed Box Grade 2
Cylindrical Non Lockset		Industrial Grade Stainless Door Knob Handle Grade 2
Hinge		72.00" X 3.000" X 0.065" Piano Style Hinge
Interlock Bracket		2.000" X 6.000" X 0.250" Steel Flat Bar CSA G40.21 GR44W
Nutsert		0.250" X 20 X 0.3125" Press Fit
Paint	Type:	Powder Paint -Polyester
	Colour:	Satin Black
	Appearance:	Smooth

SLIDE DOORS		* Frame on Opening Side Precision Milled to House Lock
Frame	1.500" X 1.500" 14 Ga. HR Split Seam Square Tubing 0.125" Seam Opening (depending on size) CSA G40.21 GR44W	
Wire Mesh	1.000" X 1.000" X 0.133" Welded Wire Mesh	
Lockset	Dead Bolt Mortise Set Grade 2	
Rollers	4 Bearing Trolley Set	
Strut Track	1.500" X 1.500" 14 Ga. Unistrut Track	
Castor (No overhead obstruction)	5" Rigid Castor	
Hanger Brackets	Support 1.750" X 4.000" X 0.380" Structural Steel Angles CSA G40.21 GR44W	
Nutsert	0.250" X 20 X 0.3125" Press Fit	
Paint	<i>Type:</i>	Powder Paint -Polyester
	<i>Colour:</i>	Satin Black
	<i>Appearance:</i>	Smooth

BI-FOLD DOORS		
Frame	1.500" X 1.500" 14 Ga. HSS Square Tubing CSA G40.21 GR44W	
Wire Mesh	1.000" X 1.000" X 0.133" Welded Wire Mesh	
Lockset	Dead Bolt Mortise Set Grade 2	
Handle	Pull Handle	
Castors	5" Swivel Castor	
Hinge	72.00" X 3.000" X 0.065" Piano Style Hinge	
Bearing Block	½" Flat Bar, 4 ¼" x 3 7/8" x 3 ½" , with ¾" Steel Pivot Pin	
Nutsert	0.250" X 20 X 0.3125" Press Fit	
Paint	<i>Type:</i>	Powder Paint -Polyester
	<i>Colour:</i>	Satin Black
	<i>Appearance:</i>	Smooth

HARDWARE		
Panel Bolts	¼ /20 X 0.750" Hex Cap Screw Grade 5	
Panel Washers	0.250" Flat Nickel Finish Grade 5	
Post Anchors	0.500" X 4.000" Wedge Style With Nut and Washer	
Post Bolts	¼ /20 X 0.750" Hex Cap Screw Grade 5	
Post Washers	0.250" Flat Nickel Finish Grade 5	

Warranty

360 Guarding will replace or repair any component of any safety system being used under normal conditions for a period of one year following installation unless the warranty is specifically waived at the time of sale.