# WIREWORKS PLUS®



# COMMERCIAL WELDED WIRE STEEL FENCE

The WireWorks Plus fence system is the *new standard in welded wire fencing.* With this product, Ameristar has a fence solution that will reduce dependency on chain link. WireWorks Plus provides *unobstructed visibility, aesthetics, and security* while delivering a *value added fencing solution.* 







PRIMARYAPPLICATIONS

- Commercial Developments
- Parking Facilities
- Self Storage
- Parks & Recreation
- Schools & Universities
- Apartments (Multi-Family)
- Amusement Parks
- Healthcare Facilities





# WIREWORKS PLUS®

## COMMERCIAL WELDED WIRE STEEL FENCE

## 6ga WIRE PANELS / 3" V-FOLDS $\mid$ 2"sq x 16ga & 2.5"sq x 16ga POSTS

## REINFORCED WELDED WIRE "V" FOLDS

Each WireWorks Plus panel has been designed with a series of architectural "V" folds, vital to the overall reinforcement and strength of the welded wire fence system. These fence panels are fabricated in a pattern of vertical and horizontal wires that are welded at each intersection. The unique design of WireWorks Plus provides strength and stability that is unmatched by typical chain link fence.

### PERMACOAT<sup>™</sup> PROTECTIVE FINISH



Ameristar's production facilities use a state-of-the-art polyester powder coating system that provides a durable and scratch resistant finish. WireWorks Plus is protected with Ameristar's PermaCoat multi-layer coating process. The combination of these layers delivers a system that increases weathering resistance and product durability. The Ameristar coating system results in finished surfaces with unmatched performance.

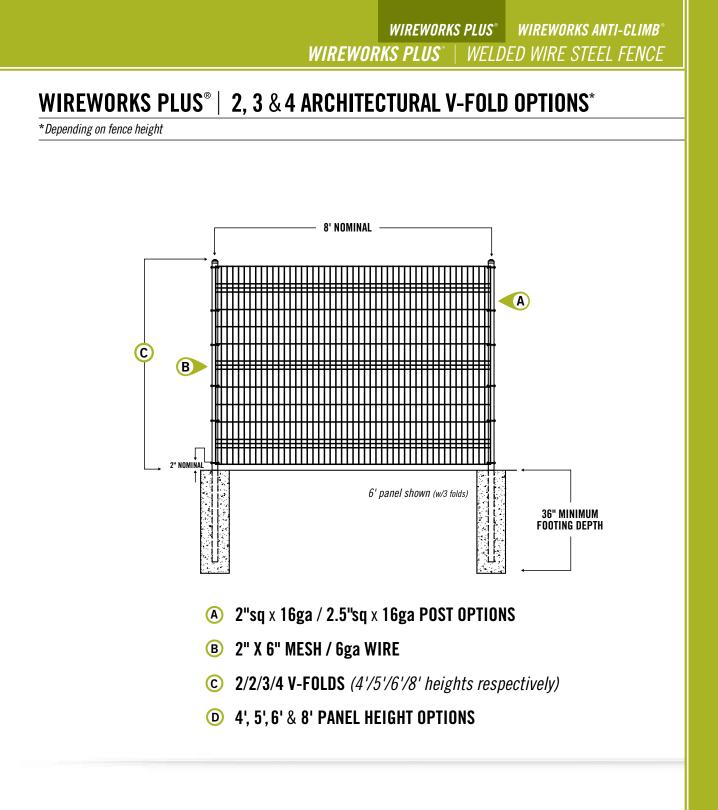




### *10 YEAR LIMITED WARRANTY*

The family of WireWorks welded steel fencing products are manufactured from the highest quality materials by skilled craftsmen to meet the highest standards of workmanship in the industry. This is why Ameristar proudly offers a limited 10 year warranty.





## *Refer to construction specification & tables within this section for product details*

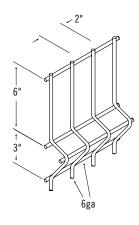
Effective: 01-26-22

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## WIREWORKS PLUS® | V-FOLD PANELS

8' PANEL LENGTH (96" actual width) | 2" w. x 6" h. MESH | 6 GAUGE WIRE



PANEL	ITEM NUMBER	WEIGHT	STOCKING
4'	5WP <u>⊗</u> 0408	30 lbs	Ø
5'	5WP <u>⊗</u> 0508	36 lbs	Ø
6'	5WP <u>⊗</u> 0608	43 lbs	Ø
8'	5WP <u>⊗</u> 0808	59 lbs	Ø

 $\underline{\otimes} = \textbf{COLOR OPTIONS AVAILABLE} | \underline{B} = \text{Black } \underline{G} = \text{Green } \underline{N} = \text{Bronze } \underline{S} = \text{Sand}$  $\underline{TB} = \text{Tube Brown } \underline{W} = \text{White}$ 

 $\odot = NON-STOCKED PRODUCT$ 

For details, see Ameristar's Sales Policy in the catalog guide.

# WIREWORKS PLUS® | V-FOLD BRACKETS

	DESCRIPTION	SIZE	ITEM NUMBER	BOX QTY	WEIGHT EA	STOCKING
U-BOLT		2"	UB <u>⊗</u> 2R	50	.5 lbs	0
	U-BOLT BRACKET FOR		UB <u>⊗</u> 25R	50	.8 lbs	$\otimes$
	LINE / END POST	3"	UB <u>⊗</u> 3R	50	.9 lbs	$\otimes$
		4"	UB <u>⊗</u> 4R	50	.9 lbs	$\otimes$
GATE BRACKET						
B 100	CORNER / GATE BRACKET	N/A	W <u>⊗</u> GBSR	50	.9 lbs	0
FASTENER SOCKET	FASTENER SOCKET	N/A	6-0058PFG	1	.06 lbs	$\otimes$
	$\underline{\otimes}$ = <b>COLOR OPTIONS AVAILABLE</b>   <b><u>B</u> = Black <u><b>G</b></u> = Green <u>N</u> = Bronze <u>S</u> = Sand</b>					
	_		= Tube Brown <u>W</u> =		-	
	$\bigotimes$ = NON-STOCKED PRODUCT For details, see Ameristar's Sales Policy in the catalog guide.					
	Notes: 4' height require (3) brackets per post / 6' height require (5) brackets per post / 8' height require (7) brackets per post.					
Effective: 01-26-22						

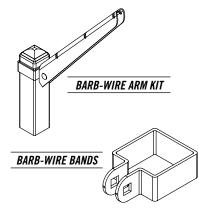
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# WIREWORKS PLUS® | PANEL ACCESSORIES



DESCRIPTION	SIZE	ITEM NUMBER	BAG QTY	WEIGHT EA	STOCKING	
BARB-WIRE ARM KIT*	2"	BWAB <u>⊗</u> 2	1		$\otimes$	
	2.5"	BWAB <u>⊗</u> 25	1		$\otimes$	
Each kit includes band, fasteners & barb arm blade. NOTE: Allow 2 inches above panel for barb arm attachment.						
2" BWB <u>⊗</u> 2R 3 ⊗						
BARB-WIRE BANDS**— $2.5"$ BWB $\underline{\otimes}$ 25R $3$ $3$ lbs $\otimes$						
Each bag includes carriage bolts & Tri Groove Security Nuts. NOTE: Allow a minimum of 14 inch post extension above the fence panel for barb-wire attachment.						

 $\underbrace{\textcircled{M}}_{M} = \textit{COLOR OPTIONS AVAILABLE} \mid \underline{B} = \text{Black } \underline{\underline{G}} = \text{Green } \underline{\underline{N}} = \text{Bronze } \underline{\underline{S}} = \text{Sand } \underline{\underline{TB}} = \text{Tube Brown}$  $\underbrace{W} = \text{White}$ 

#### $\odot = NON$ -Stocked Product

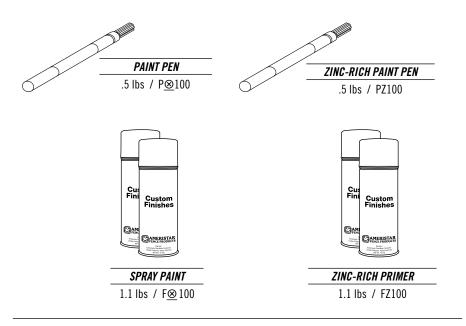
For details, see Ameristar's Sales Policy in the catalog guide.

\* Extend end, gate & corner posts to accommodate barb-wire arm attachment.

\*\* Use barb-wire bands to attach barb-wire to end, gate & corner posts.

# WIREWORKS PLUS® | CUSTOM FINISHES

#### WARRANTY ON RAILS CUT VOID WITHOUT PROPER APPLICATION OF ZINC RICH PRIMER & TOUCH-UP PAINT PENS



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# WIREWORKS PLUS® | STEEL SQUARE POSTS

2"sq. x 16ga.	POST LENGTH 6' 9"	ITEM NUMBER WP⊗ 20081	WEIGHT
2"sq. x 16ga.		WF @ 20001	11 lbs
Z"sq. X Ibga.	7' 9"	WP <u>⊗</u> 20093	13 lbs
	8' 9"	WP <u>⊗</u> 20105	14 lbs
	10'	WP <u>⊗</u> 20120	16 lbs
	11'	WP <u>⊗</u> 25132	22 lbs
STEEL POSTS 2.5"sq. x 16ga.	12'	WP <u>⊗</u> 25144	24 lbs
I	6'	P <u>⊗</u> 25072	19 lbs
	7'	P <u>⊗</u> 25084	22 lbs
	8'	P <u>⊗</u> 25096	26 lbs
2.5"sq. x 12ga.	9'	P <u>⊗</u> 25108	28 lbs
	10'	P <u>⊗</u> 25120	31 lbs
	11'	P <u>⊗</u> 25132	35 lbs
L	12'	P <u>⊗</u> 25144	36 lbs
·	6'	P <u>⊗</u> 30072	24 lbs
	7'	P <u>⊗</u> 30084	30 lbs
	8'	P <u>⊗</u> 30096	34 lbs
3"sq. x 12ga.	9'	P <u>⊗</u> 30108	39 lbs
	10'	P <u>⊗</u> 30120	43 lbs
	11'	P <u>⊗</u> 30132	47 lbs
	12'	P <u>⊗</u> 30144	51 lbs
·	6'	P <u>⊗</u> 40072	39 lbs
	7'	P <u>⊗</u> 40084	47 lbs
	8'	P <u>⊗</u> 40096	54 lbs
4"sq. × 11 ga.	9'	P <u>⊗</u> 40108	61 lbs
	10'	P <u>⊗</u> 40120	67 lbs
	11'	P <u>⊗</u> 40132	74 lbs
	12'	P <u>⊗</u> 40144	81 lbs
· · · · · · · · · · · · · · · · · · ·	7'	P <u>⊗</u> 60084	102 lbs
	8'	P <u>⊗</u> 60096	116 lbs
	9'	P <u>⊗</u> 60108	131 lbs
6"sq. x .1875" wall	10'	P <u>⊗</u> 60120	145 lbs
	11'	P <u>⊗</u> 60132	160 lbs
	12'	P <u>⊗</u> 60144	174 lbs

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 $\underline{\mathbf{TB}}$  = Tube Brown  $\underline{\mathbf{W}}$  = White

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## WIREWORKS PLUS® | STEEL PLATED SQUARE POSTS & POST CAPS

		POST LENGTH	PLATE SIZE	ITEM NUMBER	WEIGHT
		4'	5" sq. x .25" / .5625" holes (8833G)	P <u>⊗</u> 25048P	16 lbs
		5'	5" sq. x .25" / .5625" holes (8833G)	P <u>⊗</u> 25060P	19 lbs
		6'	5" sq. x .25" / .5625" holes (8833G)	P <u>⊗</u> 25072P	22 lbs
	<b>2.5"sq.</b> x <b>12ga.</b>	7'	5" sq. x .25" / .5625" holes (8833G)	P <u>⊗</u> 25084P	26 lbs
		8'	5" sq. x .25" / .5625" holes (8833G)	P <u>⊗</u> 25096P	28 lbs
STEEL POSTS		9'	5" sq. x .25" / .5625" holes (8833G)	P <u>⊗</u> 25108P	31 lbs
		10'	5" sq. x .25" / .5625" holes (8833G)	P <u>⊗</u> 25120P	34 lbs
	I	4'	6" sq. x .25" / .5625" holes (5003G)	P <u>⊗</u> 30048P	20 lbs
		5'	6" sq. x .25" / .5625" holes (5003G)	P <u>⊗</u> 30060P	24 lbs
		6'	6" sq. x .25" / .5625" holes (5003G)	P <u>⊗</u> 30072P	30 lbs
	3"sq. x 12ga.	7'	6" sq. x .25" / .5625" holes (5003G)	P <u>⊗</u> 30084P	34 lbs
		8'	6" sq. x .25" / .5625" holes (5003G)	P <u>⊗</u> 30096P	39 lbs
		9'	6" sq. x .25" / .5625" holes (5003G)	P <u>⊗</u> 30108P	43 lbs
	L(	10'	6" sq. x .25" / .5625" holes (5003G)	P <u>⊗</u> 30120P	47 lbs
	I	4'	8" sq. x .375" / .5625" holes (8876G)	P <u>⊗</u> 40048P	33 lbs
		5'	8" sq. x .375" / .5625" holes (8876G)	P <u>⊗</u> 40060P	39 lbs
		6'	8" sq. x .375" / .5625" holes (8876G)	P <u>⊗</u> 40072P	47 lbs
	4"sq. x 11ga.	7'	8" sq. x .375" / .5625" holes (8876G)	P <u>⊗</u> 40084P	54 lbs
		8'	8" sq. x .375" / .5625" holes (8876G)	P <u>⊗</u> 40096P	61 lbs
		9'	8" sq. x .375" / .5625" holes (8876G)	P <u>⊗</u> 40108P	67 lbs
		10'	8" sq. x .375" / .5625" holes (8876G)	P <u>⊗</u> 40120P	74 lbs

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CAP SIZE	ITEM NUMBER	WEIGHT
2.5"sq.	A <u>⊗</u> 507	.3 lbs
3"sq.	A <u>⊗</u> 508	.3 lbs
4"sq.	A <u>⊗</u> 509	.4 lbs
6"sq.	A <u>⊗</u> 515	.8 lbs
8"sq.	A <u>⊗</u> 801	2 lbs

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## WIREWORKS PLUS<sup>®</sup> | CONSTRUCTION SPECIFICATION 32 31 00

COMMERCIAL WELDED WIRE ARCHITECTURAL FENCE SYSTEM

#### PART 1 - GENERAL

#### **1.01 WORK INCLUDED**

The contractor shall provide all labor, materials and appurtenances necessary for installation of the commercial welded wire architectural fence system defined herein at (specify project site).

#### 1.02 RELATED WORK

Section	 - Earthwork
Section	 - Concrete

#### **1.03 SYSTEM DESCRIPTION**

The manufacturer shall supply a total commercial welded wire architectural fence system of the Ameristar<sup>®</sup> WireWorks Plus<sup>®</sup> design. The system shall include all components *(i.e., panels, brackets, posts, gates and hardware)* required.

#### **1.04 QUALITY ASSURANCE**

The contractor shall provide laborers and supervisors who are thoroughly familiar with the type of construction involved and materials and techniques specified.

#### **1.05 REFERENCES**

- ASTM A653/A653M Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process
- ASTM B117 Practice for Operating Salt-Spray (Fog) Apparatus
- ASTM D523 Test Method for Specular Gloss
- ASTM D714 Test Method for Evaluating Degree of Blistering in Paint
- ASTM D1654 Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments
- ASTM D2244 Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates
- ASTM D2794 Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)
- ASTM D3359 Test Method for Measuring Adhesion by Tape Test
- ASTM D6695 Standard Practice for Xenon-Arc Exposures of Paint and Related Coatings
- ASTM F2453/F 2453M Standard Specification for Welded Wire Mesh Fence Fabric

#### **1.06 SUBMITTAL**

The manufacturer's submittal package shall be provided prior to installation.

#### **1.07 PRODUCT HANDLING AND STORAGE**

Upon receipt at the job site, all materials shall be checked to ensure that no damages occurred during shipping or handling. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and to protect against damage, weather, vandalism and theft.

#### PART 2 - MATERIALS

#### 2.01 MANUFACTURER

The fence system shall conform to Ameristar WireWorks Plus design by Ameristar Fence Products, Inc. in Tulsa, Oklahoma.

#### 2.02 MATERIAL

- A. Steel material for fence posts shall be galvanized prior to forming in accordance with the requirements of ASTM A653/A653M, with minimum yield strength of 45,000 psi (310 MPa). The steel shall be hot-dip galvanized to meet the requirements of ASTM A653/A653M with a minimum zinc coating weight of 0.60 oz/ft2, Coating Designation G-60. Fence posts and gate posts shall meet the minimum size requirements of Table 1.
- **B.** Steel wire mesh fence panels shall be welded by resistance welding per **ASTM A185** using 6 gauge (0.192") pre-galvanized steel wire, welded at each crossing to form rectangles. Vertical 6ga. (0.192") wires shall be spaced at 2"; horizontal 6ga. (0.192") wires shall be spaced at 6 inches. The cold rolled wire shall have a tensile strength of at least 70,000 PSI and 74,000 PSI weld shear strength. Wire strand shall be galvanized before welded (GBW), .050 ounces per square foot zinc coating conforming to the **ASTM A641**.

#### 2.03 FABRICATION

- **A.** Panels and posts shall be precut to specified lengths. Panels shall have a number of structural folds based on the specified panel height as follows:
- 1. 48" & 61" height x 96" width panel 2 horizontal panel folds
- 2. 69" height x 96" width panel 3 horizontal panel folds
- **3.** 96" height x 96" width panel -4 horizontal panel folds
- **B.** The manufactured panels and posts shall be subjected to an inline electro-deposition coating (E-Coat) process consisting of a multi-stage pretreatment/wash, followed by a duplex application of an epoxy primer and an acrylic topcoat. The minimum cumulative coating thickness of epoxy and acrylic shall be 2 mils (0.058 mm). The color shall be (specify Black or Bronze). If color shall be (specify White, Desert Sand, Green, or Tube Brown) panels, posts,

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## WIREWORKS PLUS® | CONSTRUCTION SPECIFICATION 32 31 00

#### COMMERCIAL WELDED WIRE ARCHITECTURAL FENCE SYSTEM

and brackets will undergo Ameristar PermaCoat coating process. The coated panels and posts shall be capable of meeting the performance requirements for each quality characteristic shown in **Table 2**.

**C.** Swing gates shall be fabricated using 2" x 12ga square rails and gate ends. Gates that exceed 6' in width will have a 2" sq. x 12ga. intermediate upright. All rail, upright, and gate end intersections shall be joined by welding. Steel gussets (1/4" x 2") shall be welded at each rail to gate end intersection and rail to intermediate intersections (4 gussets per gate bay). Gusset shall be punched to accept gate trussing cable and turnbuckle.

#### PART 3 - EXECUTION

#### 3.01 PREPARATION

All new installation shall be laid out by the contractor in accordance with the construction plans.

#### **3.02 FENCE INSTALLATION**

Fence post shall be spaced according to **Table 3**, plus or minus ¼". Fence panels shall be attached to posts with brackets supplied by the manufacturer. Posts shall be set in concrete footers having a minimum depth of 36" (*Note: In some cases, local restrictions of freezing weather conditions may require a greater depth).* The "Earthwork" and "Concrete" sections of this specification shall govern material requirements for the concrete footer. Posts setting by other methods such as plated posts or grouted core-drilled footers are permissible only if shown by engineering analysis to be sufficient in strength for the intended application.

#### 3.03 FENCE INSTALLATION MAINTENANCE

When cutting/drilling rails or posts adhere to the following steps to seal the exposed steel surfaces; 1) Remove all metal shavings from cut area. 2) Apply zinc-rich primer to thoroughly cover cut edge and/or drilled hole; let dry. 3) Apply 2 coats of custom finish paint matching fence color. Failure to seal exposed surfaces per steps 1-3 above will negate warranty. Ameristar spray cans or paint pens shall be used to prime and finish exposed surfaces; it is recommended that paint pens be used to prevent overspray. Use of non-Ameristar parts or components will negate the manufactures' warranty.

#### **3.04 GATE INSTALLATION**

Gate posts shall be spaced according to the manufacturers' gate drawings, dependent on standard out-to-out gate leaf

dimensions and gate hardware selected. Type and quantity of gate hinges shall be based on the application; weight, height, and number of gate cycles. The manufacturers' gate drawings shall identify the necessary gate hardware required for the application. Gate hardware shall be provided by the manufacture of the gate and shall be installed per manufacturer's recommendations.

#### 3.05 CLEANING

The contractor shall clean the jobsite of excess materials; posthole excavations shall be scattered uniformly away from posts.

SEE REFERENCED TABLES ON THE FOLLOWING PAGE

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## WIREWORKS PLUS® | CONSTRUCTION SPECIFICATION 32 31 00

COMMERCIAL WELDED WIRE ARCHITECTURAL FENCE SYSTEM

		MINIMU	MINIMUM SIZES FOR WIREWORKS PLUS POSTS						
	FENCE POSTS			PANEL HEIGHTS					
	2" x 16	ga.		up to 6' height					
	2.5" x 1	6 ga.		8' height					
TABLE	GATE LEAF	GATI		E HEIGHT					
AE			to & including 6'	Over 6' and up to 8'					
F I	up to 4'	2½	a" x 12 gauge	3" x 12 gauge					
	4'1" to 6'	6' 3" x 12 gauge	3" x 12 gauge						
	6'1" to 10'	4'	' x 11 gauge	6" x ¾6"					
	10'1" to 16'		6" x ¾16"	6" x ¾6"					

		COATING P	ERFORMANCE REQUIREMENTS
	QUALITY CHARACTERISTICS	ASTM TEST METHOD	PERFORMANCE REQUIREMENTS
5	ADHESION	D3359 – METHOD B	Adhesion (retention of coating) over 90% of test area (tape and knife kit test).
ABLE	CORROSION RESISTANCE	B117, D714, D1654	<b>Corrosion resistance over 1,000 hours</b> (scribed per D1654; failure mode is accumulation of 1/8" coating loss from scribe or medium #8 blisters)
1	IMPACT RESISTANCE	D2794	Impact resistance over 60" lb. (forward impact using 0.625" ball).
	WEATHERING RESISTANCE	D822 D2244, D523 (60° method)	Weathering resistance over 1,000 hours (failure mode is 60% loss of gloss or color variance of more than 3 delta-E color units).

с З		WIREWORKS PLUS POST SPACING BY BRACKET TYPE	
ш	SPAN	WIREWO	RKS PLUS
3LI	POST SIZE	2"	21⁄2"
TAF	POST SETTINGS <u>+</u> ¼" 0.C.	96½"	96½"

# WIREWORKS PLUS® | LIMITED WARRANTY

#### **COMMERCIAL WELDED WIRE FENCE**

WireWorks Plus® Commercial Welded Wire Architectural Fence System by Ameristar® is manufactured from the highest quality materials by skilled craftsmen to meet the highest standards of workmanship in the industry. Galvanized steel framework shall be subject to a six stage pretreatment/wash followed by an electrostatic spray application of PermaCoat® Color System, a two coat powder system. The base coat is a thermosetting epoxy powder coating *(gray in color)*. The top coat is a "no-mar" TGIC polyester powder coat finish, which provides the protection necessary to withstand adverse environmental conditions.

The powder coated surface on all framework *(i.e., panels, posts and brackets)* by Ameristar is guaranteed under normal and proper usage, against cracking, peeling, chipping, blistering or corroding for a period of ten (10) years from the original purchase date. Normal and proper usage does not include physical damage, abrasion or exposure to salty environments to the protective coating. WireWorks Plus Commercial Welded Wire Architectural Fence System framework is also guaranteed for the same period of time against defects in workmanship or materials.

Should any architectural fence framework manufactured by Ameristar Fence Products fail in accordance with any of the above conditions, Ameristar Fence Products warrants to the original purchaser their redemption through replacement, renewal or issuance of a pro-rated credit. The decision as to which method of redemption is allowed is solely at the discretion of Ameristar. If pro-rated allowance is the chosen alternative, the amount will be based on the total number of years under warranty from date of purchase to date of claim, based on the original cost of framing materials found to be defective. Notice of failure under the conditions of this warranty shall be sent to Ameristar Fence Products or its authorized representative, in writing, together with proof of purchase and shall specify the nature of the defect and when it was first observed. When cutting WireWorks Plus products immediately seal the exposed surfaces by 1) Removing all metal shavings from cut area 2) Apply zinc-rich primer to thoroughly cover cut edge and drilled hole; let dry 3) Apply 2 coats of custom finish paint matching fence color. Failure to seal exposed surfaces per steps 1-3 above will negate warranty. If contractor uses non Ameristar parts/components this will negate the warranty. Should the fence be improperly installed, Ameristar Fence Products shall not be responsible for guaranteed performance or appearance of the material. Neither does this guarantee apply when failure or damage is due to improper use or application, abuse or misuse, salty environments, vandalism or acts of God. Ameristar Fence Products reserves the right to inspect the material to determine validity of the claim.

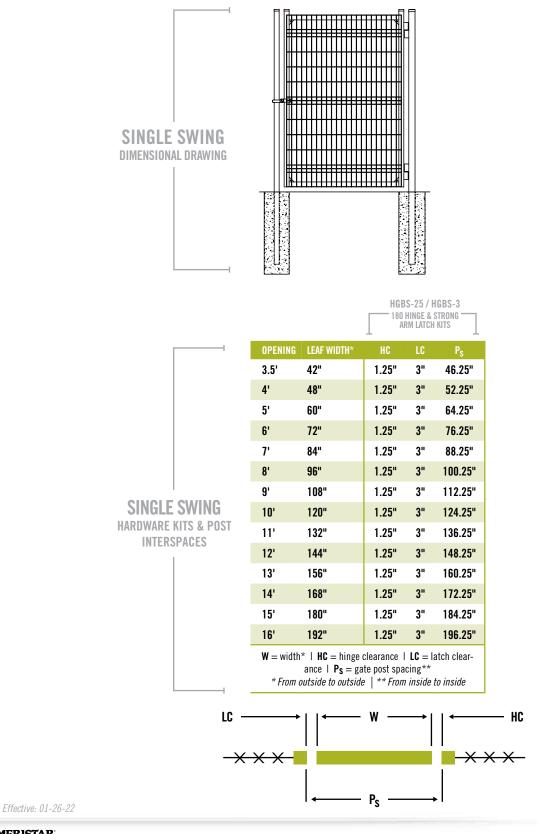
Upon validation of the claim by Ameristar Fence Products or its authorized representative, redemption by replacement, renewal or issuance of a pro-rated credit shall be made by Ameristar Fence Products. Reimbursement for the costs of removal and installation of materials are not included in the guarantee, nor will Ameristar Fence Products provide those services.

The above constitutes the complete warranty by the manufacturer. No other agreement, written or implied, is valid. Ameristar Fence Products does not authorize any other person or agent to make any other express warranties. Ameristar Fence Products neither assumes nor authorizes any other person or agent to assume any other liability in connection with WireWorks Plus Commercial Welded Wire Architectural Fence System. Some jurisdictions do not allow limitations on how long an implied warranty lasts, nor do they allow an exclusion or limitation of incidental or consequential damages; therefore, the limitations and exclusions noted herein may not apply.



## WIREWORKS PLUS<sup>®</sup> | SINGLE SWING GATE SPECIFICATIONS

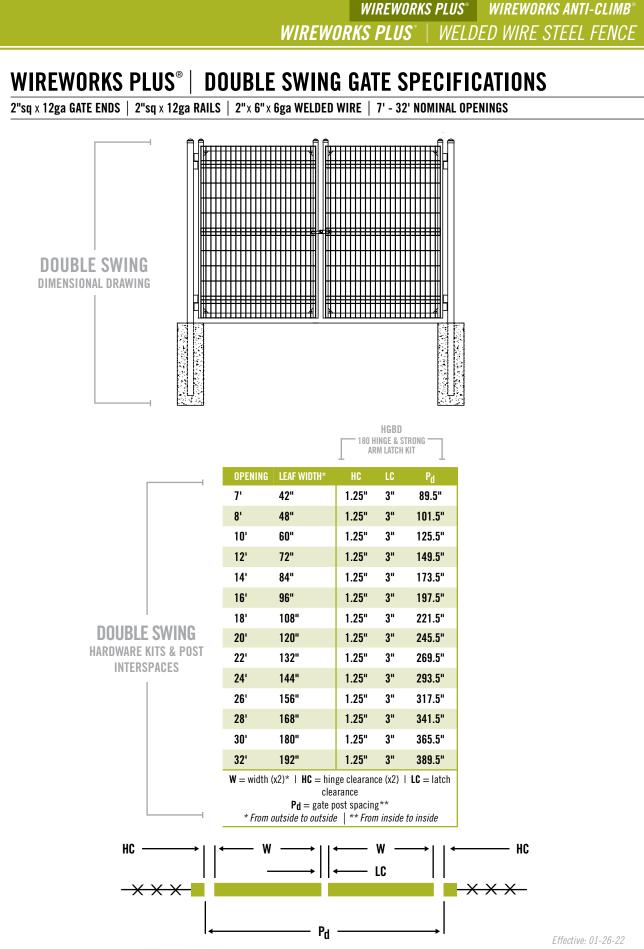
2"sq x 12ga GATE ENDS | 2"sq x 12ga RAILS | 2"x 6"x 6ga WELDED WIRE | 3.5' - 16' NOMINAL OPENINGS



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## WIREWORKS PLUS° | V-FOLD WELDED WIRE GATES

GATE HARDWARE SOLD SEPARATELY

3½'   5WP @ 04-42   55   ©     4'   5WP @ 04-48   60   ©     5'   5WP @ 04-60   70   ©     6'   5WP @ 04-72   79   ©     7'   5WP @ 04-96   100   ©     8'   5WP @ 04-96   109   ©     9'   5WP @ 04-108   118   ©     10'   5WP @ 04-120   128   ©     11'   5WP @ 04-132   137   ©     12'   5WP @ 04-168   165   ©     13'   5WP @ 04-168   165   ©     14'   5WP @ 04-180   175   ©     15'   5WP @ 04-192   184   ©     3½'   5WP @ 05-42   64   ©     3½'   5WP @ 05-48   70   ©     5'   5WP @ 05-60   80   ©     6'   5WP @ 05-72   90   ©     6'   5WP @ 05-72   90   ©     6'   5WP @ 05-72   90   © </th <th></th>	
Image: Normal Stress   Image: No	
6'   5WP @ 04-72   79   0     7'   5WP @ 04-84   100   0     8'   5WP @ 04-96   109   0     9'   5WP @ 04-108   118   0     10'   5WP @ 04-120   128   0     11'   5WP @ 04-132   137   0     12'   5WP @ 04-132   137   0     13'   5WP @ 04-156   156   0     14'   5WP @ 04-168   165   0     15'   5WP @ 04-180   175   0     3½'   5WP @ 05-42   64   0     4'   5WP @ 05-48   70   0     5'   5WP @ 05-60   80   0     6'   5WP @ 05-72   90   0     6'   5WP @ 05-72   90   0     7'   5WP @ 05-84   115   0	
1 5WP @ 04-84 100 0   8' 5WP @ 04-96 109 0   8' 5WP @ 04-108 118 0   10' 5WP @ 04-120 128 0   11' 5WP @ 04-132 137 0   12' 5WP @ 04-132 137 0   13' 5WP @ 04-132 137 0   13' 5WP @ 04-168 165 0   14' 5WP @ 04-168 165 0   15' 5WP @ 04-192 184 0   3½' 5WP @ 05-42 64 0   4' 5WP @ 05-60 80 0 0   5' 5WP @ 05-72 90 0 0   6' 5WP @ 05-84 115 0	
8'   5WP @ 04-96   109   Q     9'   5WP @ 04-108   118   Q     HEIGHT   10'   5WP @ 04-120   128   Q     11'   5WP @ 04-132   137   Q     12'   5WP @ 04-144   147   Q     13'   5WP @ 04-156   156   Q     14'   5WP @ 04-168   165   Q     15'   5WP @ 04-180   175   Q     16'   5WP @ 04-192   184   Q     3½'   5WP @ 05-42   64   Q     4'   5WP @ 05-48   70   Q   Q     5'   5WP @ 05-60   80   Q   Q     6'   5WP @ 05-72   90   Q   Q     7'   5WP @ 05-84   115   Q	
4'   9'   5WP @ 04-108   118   Ø     10'   5WP @ 04-120   128   Ø     11'   5WP @ 04-132   137   Ø     12'   5WP @ 04-132   137   Ø     13'   5WP @ 04-144   147   Ø     13'   5WP @ 04-156   156   Ø     14'   5WP @ 04-168   165   Ø     15'   5WP @ 04-192   184   Ø     3½'   5WP @ 05-42   64   Ø     4'   5WP @ 05-48   70   Ø     5'   5WP @ 05-60   80   Ø     6'   5WP @ 05-72   90   Ø     7'   5WP @ 05-84   115   Ø	
HEIGHT   10'   5WP @ 04-120   128   ©     11'   5WP @ 04-132   137   ©     12'   5WP @ 04-144   147   ©     13'   5WP @ 04-156   156   ©     14'   5WP @ 04-168   165   ©     15'   5WP @ 04-180   175   ©     16'   5WP @ 04-192   184   ©     3½'   5WP @ 05-42   64   ©     4'   5WP @ 05-48   70   ©     5'   5WP @ 05-60   80   ©     6'   5WP @ 05-72   90   ©     7'   5WP @ 05-84   115   ©	
11' 5WP @ 04-132 137 \$   12' 5WP @ 04-132 137 \$   13' 5WP @ 04-132 137 \$   13' 5WP @ 04-144 147 \$   13' 5WP @ 04-156 156 \$   14' 5WP @ 04-168 165 \$   15' 5WP @ 04-180 175 \$   16' 5WP @ 04-192 184 \$   3½' 5WP @ 05-42 64 \$   4' 5WP @ 05-48 70 \$   5' 5WP @ 05-60 80 \$   6' 5WP @ 05-72 90 \$   7' 5WP @ 05-84 115 \$	
12' 5WP @ 04-144 147 \$\$   13' 5WP @ 04-156 156 \$\$   14' 5WP @ 04-168 165 \$\$   15' 5WP @ 04-180 175 \$\$   16' 5WP @ 04-192 184 \$\$   3½' 5WP @ 05-42 64 \$\$   4' 5WP @ 05-48 70 \$\$   5' 5WP @ 05-60 80 \$\$   6' 5WP @ 05-72 90 \$\$   7' 5WP @ 05-84 115 \$\$	
13' 5WP ⊗ 04-156 156 ⊗   14' 5WP ⊗ 04-168 165 ⊗   15' 5WP ⊗ 04-180 175 ⊗   16' 5WP ⊗ 04-192 184 ⊗   3½' 5WP ⊗ 05-42 64 ⊗   4' 5WP ⊗ 05-48 70 ⊗   5' 5WP ⊗ 05-60 80 ⊗   6' 5WP ⊗ 05-72 90 ⊗   7' 5WP ⊗ 05-84 115 ⊗	
14'   5WP ⊗ 04-168   165   ⊘     15'   5WP ⊗ 04-180   175   ⊘     16'   5WP ⊗ 04-192   184   ⊘     3½'   5WP ⊗ 05-42   64   ⊘     4'   5WP ⊗ 05-48   70   ⊘     5'   5WP ⊗ 05-60   80   ⊘     6'   5WP ⊗ 05-72   90   ⊘     7'   5WP ⊗ 05-84   115   ⊘	
15' 5WP ⊗ 04-180 175 ⊗   16' 5WP ⊗ 04-192 184 ⊗   3½' 5WP ⊗ 05-42 64 ⊗   4' 5WP ⊗ 05-48 70 ⊗   5' 5WP ⊗ 05-60 80 ⊗   6' 5WP ⊗ 05-72 90 ⊗   7' 5WP ⊗ 05-84 115 ⊗	
16' 5WP ⊗ 04-192 184 ⊗   3½' 5WP ⊗ 05-42 64 ⊗   4' 5WP ⊗ 05-48 70 ⊗   5' 5WP ⊗ 05-60 80 ⊗   6' 5WP ⊗ 05-72 90 ⊗   7' 5WP ⊗ 05-84 115 ⊗	
3½' 5WP ⊗ 05-42 64 ⊘   4' 5WP ⊗ 05-48 70 ⊘   5' 5WP ⊗ 05-60 80 ⊘   6' 5WP ⊗ 05-72 90 ⊘   7' 5WP ⊗ 05-84 115 ⊘	
4' 5WP ⊗ 05-48 70 ⊗   5' 5WP ⊗ 05-60 80 ⊗   6' 5WP ⊗ 05-72 90 ⊗   7' 5WP ⊗ 05-84 115 ⊗	
5' 5WP ⊗ 05-60 80 ⊗   6' 5WP ⊗ 05-72 90 ⊗   7' 5WP ⊗ 05-84 115 ⊗	
6'   5WP⊛ 05-72   90   ⊗     7'   5WP⊛ 05-84   115   ⊗	
7' 5₩P <u>⊗</u> 05-84 115 ⊘	
<b>8'</b> 5₩P <u>⊗</u> 05-96 <b>125 ⊘</b>	
9. 5WP \$05-108 [33 \$	
HEIGHT 10' 5WP⊛ 05-120 146 ⊗	
<b>11'</b> 5₩P <u>⊗</u> 05-132 <b>156</b> ⊗	
<b>12'</b> 5₩P <u>⊗</u> 05-144 <b>166</b> ⊗	
<b>13'</b> 5₩P <u>⊗</u> 05-156 <b>177</b> ⊗	
<b>14'</b> 5₩P <u>⊗</u> 05-168 <b>187</b> ⊗	
<b>15'</b> 5₩P <u>⊗</u> 05-180 <b>197</b> ⊗	
<b>16'</b> 5₩P <u>⊗</u> 05-192 <b>208</b> ⊗	

 $\underline{\bigotimes} = \textit{COLOR OPTIONS AVAILABLE} | \underline{B} = \text{Black } \underline{\underline{G}} = \text{Green } \underline{\underline{N}} = \text{Bronze} \\ \underline{\underline{S}} = \text{Sand } \underline{\underline{TB}} = \text{Tube Brown} \\ \underline{\underline{W}} = \text{White}$ 

 $\odot = \mathit{NON-STOCKED} \ \mathit{PRODUCT}$ 

For details, see Ameristar's Sales Policy in the catalog guide.

## WIREWORKS PLUS® | V-FOLD WELDED WIRE GATES

#### GATE HARDWARE SOLD SEPARATELY

3½'   5WP @ 06-42   73   \logonian     4'   5WP @ 06-48   79   \logonian     5'   5WP @ 06-60   90   \logonian     6'   5WP @ 06-72   102   \logonian     7'   5WP @ 06-84   130   \logonian     8'   5WP @ 06-96   141   \logonian     9'   5WP @ 06-108   152   \logonian     10'   5WP @ 06-132   175   \logonian     11'   5WP @ 06-168   209   \logonian     13'   5WP @ 06-168   209   \logonian     14'   5WP @ 06-168   209   \logonian     15'   5WP @ 06-192   231   \logonian     3½'   5WP @ 08-42   88   \logonian     5'   5WP @ 08-72   118   \logonian     5'   5WP @ 08-72   118   \logonian     6'   5WP @ 08-108   178   \logonian     8'   5WP @ 08-108   178   \logonian     9'   5WP @ 08-132		OPENING	ITEM NUMBER	WEIGHT	STOCKING
5'   5WP@ 06-60   90   ©     6'   5WP@ 06-72   102   ©     7'   5WP@ 06-84   130   ©     8'   5WP@ 06-96   141   ©     9'   5WP@ 06-108   152   ©     10'   5WP@ 06-120   164   ©     11'   5WP@ 06-132   175   ©     12'   5WP@ 06-132   175   ©     13'   5WP@ 06-168   209   ©     14'   5WP@ 06-168   209   ©     15'   5WP@ 06-192   231   ©     16'   5WP@ 08-42   88   ©     3½'   5WP@ 08-42   88   ©     5'   5WP@ 08-72   118   ©     6'   5WP@ 08-72   118   ©     7'   5WP@ 08-108   178   ©     9'   5WP@ 08-108   178   ©     10'   5WP@ 08-132   202   ©     11'   5WP@ 08-132   202   ©					
6'   5WP @ 06-72   102   ©     7'   5WP @ 06-84   130   ©     8'   5WP @ 06-96   141   ©     9'   5WP @ 06-108   152   ©     10'   5WP @ 06-120   164   ©     11'   5WP @ 06-132   175   ©     12'   5WP @ 06-168   209   ©     13'   5WP @ 06-168   209   ©     14'   5WP @ 06-180   220   ©     15'   5WP @ 06-192   231   ©     3½'   5WP @ 08-42   88   ©     4'   5WP @ 08-42   88   ©     4'   5WP @ 08-42   88   ©     6'   5WP @ 08-42   88   ©     6'   5WP @ 08-60   106   ©     6'   5WP @ 08-72   118   ©     7'   5WP @ 08-96   165   ©     9'   5WP @ 08-108   178   ©     10'   5WP @ 08-132   190		4'	5WP <u>⊗</u> 06-48	79	$\otimes$
7' 5WP@ 06-84 130 SWP   8' 5WP@ 06-96 141 SWP   9' 5WP@ 06-108 152 SWP   10' 5WP@ 06-120 164 SWP   11' 5WP@ 06-132 175 SWP   12' 5WP@ 06-168 209 SWP   13' 5WP@ 06-168 209 SWP   15' 5WP@ 06-180 220 SWP   16' 5WP@ 08-192 231 SWP   3½' 5WP@ 08-42 88 SWP   4' 5WP@ 08-72 118 SWP   6' 5WP@ 08-72 118 SWP   7' 5WP@ 08-96 165 SWP   8' 5WP@ 08-108 178 SWP   9' 5WP@ 08-120 190 SUP   11' 5WP@ 08-132 202 SUP		5'	5WP <u>⊗</u> 06-60	90	0
8' 5WP ⊗ 06-96 141 ⊗   9' 5WP ⊗ 06-108 152 ⊗   10' 5WP ⊗ 06-120 164 ⊗   11' 5WP ⊗ 06-132 175 ⊗   12' 5WP ⊗ 06-166 197 ⊗   13' 5WP ⊗ 06-168 209 ⊗   15' 5WP ⊗ 06-180 220 ⊗   15' 5WP ⊗ 06-192 231 ⊗   3½' 5WP ⊗ 08-42 88 ⊗   4' 5WP ⊗ 08-42 88 ⊗   4' 5WP ⊗ 08-48 94 ⊗   5' 5WP ⊗ 08-60 106 ∞   6' 5WP ⊗ 08-72 118 ∞   7' 5WP ⊗ 08-84 153 ∞   8' 5WP ⊗ 08-108 178 ∞   9' 5WP ⊗ 08-120 190 ∞   11' 5WP ⊗ 08-132 202 ∞   12' 5WP ⊗ 08-132 202 ∞		6'	5WP <u>⊗</u> 06-72	102	$\otimes$
6' 9' 5WP @ 06-108 152 ©   10' 5WP @ 06-120 164 ©   11' 5WP @ 06-132 175 ©   12' 5WP @ 06-144 186 ©   13' 5WP @ 06-156 197 ©   14' 5WP @ 06-168 209 ©   15' 5WP @ 06-180 220 ©   16' 5WP @ 08-180 220 ©   3½' 5WP @ 08-42 88 ©   4' 5WP @ 08-42 88 ©   5' 5WP @ 08-60 106 ©   6' 5WP @ 08-72 118 ©   7' 5WP @ 08-96 165 ©   9' 5WP @ 08-108 178 ©   9' 5WP @ 08-120 190 ©   10' 5WP @ 08-132 202 ©   11' 5WP @ 08-132 202 ©   12' 5WP @ 08-144 214 ©		7'	5WP <u>⊗</u> 06-84	130	0
HEIGHT 10' 5WP ⊗ 06-120 164 ⊗   11' 5WP ⊗ 06-132 175 ⊗   12' 5WP ⊗ 06-132 175 ⊗   13' 5WP ⊗ 06-166 197 ⊗   14' 5WP ⊗ 06-168 209 ⊗   15' 5WP ⊗ 06-180 220 ⊗   16' 5WP ⊗ 06-192 231 ⊗   3½' 5WP ⊗ 08-42 88 ⊗   4' 5WP ⊗ 08-48 94 ⊗   5' 5WP ⊗ 08-60 106 ⊗   6' 5WP ⊗ 08-72 118 ⊗   7' 5WP ⊗ 08-84 153 ⊗   8' 5WP ⊗ 08-108 178 ⊗   9' 5WP ⊗ 08-120 190 ⊗   10' 5WP ⊗ 08-132 202 ∞   11' 5WP ⊗ 08-132 202 ∞		8'	5WP <u>⊗</u> 06-96	141	$\otimes$
HEIGHT 10' 5WP ⊗ 06-120 164 ⊗   11' 5WP ⊗ 06-132 175 ⊗   12' 5WP ⊗ 06-132 175 ⊗   13' 5WP ⊗ 06-166 197 ⊗   14' 5WP ⊗ 06-168 209 ⊗   15' 5WP ⊗ 06-180 220 ⊗   16' 5WP ⊗ 06-192 231 ⊗   3½' 5WP ⊗ 08-42 88 ⊗   4' 5WP ⊗ 08-48 94 ⊗   5' 5WP ⊗ 08-60 106 ⊗   6' 5WP ⊗ 08-72 118 ⊗   7' 5WP ⊗ 08-84 153 ⊗   8' 5WP ⊗ 08-108 178 ⊗   9' 5WP ⊗ 08-120 190 ⊗   10' 5WP ⊗ 08-132 202 ∞   11' 5WP ⊗ 08-132 202 ∞	•	9'	5WP <u>⊗</u> 06-108	152	$\otimes$
12' 5WP@ 06-144 186 Sigma   13' 5WP@ 06-156 197 Sigma   14' 5WP@ 06-168 209 Sigma   15' 5WP@ 06-180 220 Sigma   16' 5WP@ 06-192 231 Sigma   3½' 5WP@ 08-42 88 Sigma   4' 5WP@ 08-42 88 Sigma   5' 5WP@ 08-60 106 Sigma   6' 5WP@ 08-72 118 Sigma   7' 5WP@ 08-96 165 Sigma   8' 5WP@ 08-108 178 Sigma   9' 5WP@ 08-120 190 Sigma   10' 5WP@ 08-132 202 Sigma   11' 5WP@ 08-144 214 Sigma		10'	5WP <u>⊗</u> 06-120	164	$\otimes$
I3'   5WP @ 06-156   197   ©     14'   5WP @ 06-168   209   ©     15'   5WP @ 06-180   220   ©     16'   5WP @ 06-192   231   ©     3½'   5WP @ 08-42   88   ©     4'   5WP @ 08-48   94   ©     5'   5WP @ 08-60   106   ©     6'   5WP @ 08-72   118   ©     7'   5WP @ 08-96   165   ©     8'   5WP @ 08-108   178   ©     10'   5WP @ 08-120   190   ©     11'   5WP @ 08-132   202   ©     12'   5WP @ 08-144   214   ©		11'	5WP <u>⊗</u> 06-132	175	$\otimes$
14' 5WP@ 06-168 209 S   15' 5WP@ 06-180 220 S   16' 5WP@ 06-192 231 S   3½' 5WP@ 08-42 88 S   4' 5WP@ 08-42 88 S   5' 5WP@ 08-60 106 S   6' 5WP@ 08-72 118 S   7' 5WP@ 08-96 165 S   8' 5WP@ 08-108 178 S   9' 5WP@ 08-120 190 S   10' 5WP@ 08-132 202 S   11' 5WP@ 08-144 214 S		12'	5WP <u>⊗</u> 06-144	186	$\otimes$
15' 5WP @ 06-180 220 Image: Stress of the stress of		13'	5WP <u>⊗</u> 06-156	197	$\otimes$
16' 5WP @ 06-192 231 Image: Supplementation of the superscript of the superscript of the superscrite supplementation of the supersuperscript of the supex		14'	5WP <u>⊗</u> 06-168	209	$\otimes$
3½'   5WP @ 08-42   88   O     4'   5WP @ 08-48   94   O     5'   5WP @ 08-60   106   O     6'   5WP @ 08-72   118   O     7'   5WP @ 08-84   153   O     8'   5WP @ 08-108   178   O     9'   5WP @ 08-120   190   O     11'   5WP @ 08-132   202   O     12'   5WP @ 08-144   214   O		15'	5WP <u>⊗</u> 06-180	220	$\otimes$
4' 5WP @ 08-48 94 0   5' 5WP @ 08-60 106 0   6' 5WP @ 08-72 118 0   7' 5WP @ 08-84 153 0   8' 5WP @ 08-96 165 0   9' 5WP @ 08-108 178 0   10' 5WP @ 08-120 190 0   11' 5WP @ 08-132 202 0   12' 5WP @ 08-144 214 0		16'	5WP <u>⊗</u> 06-192	231	$\otimes$
8'   5WP ⊗ 08-96   106   ∞     8'   5WP ⊗ 08-72   118   ∞     9'   5WP ⊗ 08-96   165   ∞     10'   5WP ⊗ 08-108   178   ∞     11'   5WP ⊗ 08-132   202   ∞     12'   5WP ⊗ 08-144   214   ∞		3½'	5WP <u>⊗</u> 08-42	88	$\otimes$
B'   5WP @ 08-72   118   O     8'   5WP @ 08-84   153   O     9'   5WP @ 08-96   165   O     9'   5WP @ 08-108   178   O     10'   5WP @ 08-120   190   O     11'   5WP @ 08-132   202   O     12'   5WP @ 08-144   214   O		4'	5WP <u>⊗</u> 08-48	94	$\otimes$
8'   5WP ⊗ 08-96   165   ⊗     9'   5WP ⊗ 08-108   178   ⊗     10'   5WP ⊗ 08-120   190   ⊗     11'   5WP ⊗ 08-132   202   ⊗     12'   5WP ⊗ 08-144   214   ⊗		5'	5WP <u>⊗</u> 08-60	106	$\otimes$
8'   5WP ⊗ 08-96   165   ∞     9'   5WP ⊗ 08-108   178   ∞     10'   5WP ⊗ 08-120   190   ∞     11'   5WP ⊗ 08-132   202   ∞     12'   5WP ⊗ 08-144   214   ∞		6'	5WP <u>⊗</u> 08-72	118	$\otimes$
8'   9'   5WP ⊗ 08-108   178   ⊗     10'   5WP ⊗ 08-120   190   ⊗     11'   5WP ⊗ 08-132   202   ⊗     12'   5WP ⊗ 08-144   214   ⊗		7'	5WP <u>⊗</u> 08-84	153	$\otimes$
9'   5WP ⊗ 08-108   178   ⊗     HEIGHT   10'   5WP ⊗ 08-120   190   ⊗     11'   5WP ⊗ 08-132   202   ∞     12'   5WP ⊗ 08-144   214   ∞	QI	8'	5WP <u>⊗</u> 08-96	165	$\otimes$
10' $5WP \otimes 08-120$ 190 $\otimes$ 11' $5WP \otimes 08-132$ 202 $\otimes$ 12' $5WP \otimes 08-144$ 214 $\otimes$	U	9'	5WP <u>⊗</u> 08-108	178	0
<b>12'</b> 5₩P <u>⊗</u> 08-144 <b>214</b> ⊗	HEIGHT	10'	5WP <u>⊗</u> 08-120	190	$\otimes$
—		11'	5WP <u>⊗</u> 08-132	202	0
		12'	5WP <u>⊗</u> 08-144	214	$\otimes$
<b>13</b> <sup>°</sup> 5₩P <u>⊗</u> 08-156 <b>221</b> O		13'	5WP <u>⊗</u> 08-156	227	0
<b>14'</b> 5₩P <u>⊗</u> 08-168 <b>239</b> ⊙		14'	5WP <u>⊗</u> 08-168	239	$\otimes$
<b>15'</b> 5₩P <u>⊗</u> 08-180 <b>251</b> ⊙		15'	5WP <u>⊗</u> 08-180	251	$\otimes$
<b>16'</b> 5₩P <u>⊗</u> 08-192 <b>263</b> ⊘		16'	5WP <u>⊗</u> 08-192	263	0

 $\underline{\bigotimes} = \textit{COLOR OPTIONS AVAILABLE} | \underline{B} = \text{Black} \quad \underline{\underline{G}} = \text{Green} \quad \underline{\underline{N}} = \text{Bronze} \\ \underline{\underline{S}} = \text{Sand} \quad \underline{\underline{TB}} = \text{Tube Brown} \\ \underline{\underline{W}} = \text{White}$ 

 $\odot = NON-STOCKED PRODUCT$ 

For details, see Ameristar's Sales Policy in the catalog guide.

Effective: 01-26-22

AMERISTAR ASSA ABLOY