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GETTING STARTED



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ELEGANT ALUMINUM PRODUCTS, INC.

Elegant Aluminum Products, Inc., a Michigan corporation, was established in September of 1986 in response to an opportunity to improve the fencing industry with the introduction of durable, maintenance-free aluminum fencing. Today, Elegant is an industry-leading, full-service manufacturer and local retailer of commercial and residential fences, gates and rails. Elegant separates themselves from the competition with outstanding service, field support, quality, and custom products. The mission of Elegant Aluminum Products is to provide secure, custom-made enclosures while creating the classic elegance our customers expect.

Elegant Aluminum provides product solutions for a wide variety of situations (as outlined below). Choose the desired grade for your application... Residential, Architectural, Premier, Light Commercial, or Commercial and Elegant will build to order. Customize any of the above standard lines for a unique and personalized touch. Hundreds of castings and designs are available to choose from. Elegant offers a variety of colors and finishes such as: Black, White, Quaker Bronze, Sandstone, or Green with finishes ranging from Anodized, Mill, Duranar XL, Kynar 500, Corafon, or Elegant Aluminum's standard finish. Custom colors and finishes may be requested. Applications for maintenance free ornamental aluminum fencing, gates, and/or railings include, but are not limited to:

- Fencing around Pools
- Fencing to Enclose Property Lines
- Estate Gates, Cantilever or Swing
- Security Gates
- Privacy Panels
- Balcony and Terrace Rails
- Handicap Ramp Rails
- Guard & Stair Rails
- Deck Rails
- Parking Structure Rails
- Custom Archways
- Entrance Signs for Developments/Subdivisions

Elegant Aluminum Products manufactures all jobs, as ordered, in a 22,000 square foot facility in Fraser, MI. All of our products ship assembled and ready for installation. The management team is active in daily operations enabling Elegant to be flexible enough for custom projects while handling the demands of large commercial orders.



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TERMS AND CONDITIONS

ORDER CANCELLATIONS

Cancellation of an order can be made with no restocking charge only on standard orders and prior to shipping. After shipping, there will be a 25% restocking charge as well as freight charges. Cancellation of special orders and non-standard products will not be accepted. No returned orders will be accepted without prior written authorization.

We will not allow any corrections in our invoices unless prior arrangements have been made and a credit memo has been issued.

CUSTOM ORDERED PRODUCTS

Special order fence sections, gates, rails, and all other custom products will require 50% down payment at the time of order, and balance paid in full prior to shipping. Cancellation of special orders and non-standard products will not be accepted.

DAMAGED MATERIAL AND ORDER DISCREPANCIES

It is the customer's responsibility to verify all quantities, and report all damages for an order. If any damage occurs in transit, it must be noted on the delivery receipt so you can file a claim. If you do not note damage, the carrier will not reimburse you for the damage and the damaged material will become your property. Elegant Aluminum Products will be unable to assist you in receiving reimbursement if no damage is noted on the bill of lading. [See Shipping Policies for more information.](#)



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SHIPPING POLICIES

Thoroughly inspect all shipping containers for damage immediately upon delivery by the motor carrier. If any containers are damaged, or, the quantity of containers does not agree with the bill of lading, immediately make a notation of the discrepancy on the bill of lading along with the driver's signature.

In order to make a claim for damages, you must notify the carrier immediately. A representative of the carrier will inspect the shipment, packaging material, and the containers. Upon completion of inspection, you must file a claim, and include the following documents.

- Original Bill of Lading
- Copy of Paid Freight Bill
- Original Invoice
- Repair Invoice or Replacement Invoice
- Inspection Report
- Packing List

Any claims against the carrier for damages or shortages are the sole responsibility of the carrier. We are not responsible for freight charges, replacement materials, filing of claims, or collecting of claims. Damaged goods can't be shipped back to Elegant Aluminum Products without prior, written approval.

If there is an error or damages in your shipment, it must be reported to Elegant Aluminum Products within 3 days after receipt of the merchandise. If we make an error on your order, we will pay shipping charges incurred correcting the error. All incorrect merchandise must be returned to us in the original cases undamaged.

Elegant Aluminum Products, Inc. will help you in any way we can to collect any claims written against the carrier.



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CERTIFICATE OF WARRANTY

ELEGANT ALUMINUM PRODUCTS, INC. PROVIDES CUSTOM MADE ENCLOSURES WHILE CREATING THE CLASSIC ELEGANCE OUR CUSTOMERS EXPECT. IN THE EVENT THAT SOMETHING HAPPENS TO JEOPARDIZE THE INTEGRITY OF OUR PRODUCT'S FINISH, INCLUDING: CRACKING, FLAKING, PEELING, OR RUSTING; WHILE BEING HANDLED, STORED, INSTALLED, OR MAINTAINED PROPERLY AND UNDER NORMAL CONDITIONS (AS DESCRIBED BELOW), ELEGANT ALUMINUM PRODUCTS, INC. WILL WARRANTY THE ITEM FOR THE LIFETIME OF THE PRODUCT.

EXCLUSIONS: NORMAL CONDITIONS EXCLUDE AREAS WITHIN A FIVE MILE RADIUS OF SEACOAST ENVIRONMENTS. WARRANTY IS VOID IN THE EVENT OF DAMAGE CAUSED BY THE USE OF ANY ABRASIVES, CHEMICALS, CLEANERS, DYES, PAINTS, OR SOLVENTS. IF ANY OF THE ABOVE OCCURS AS A RESULT OF POOR WORKMANSHIP, ELEGANT ALUMINUM PRODUCTS, INC. WILL REPLACE THE MATERIAL FREE OF CHARGE. HOWEVER, THIS DOES NOT INCLUDE REMOVING OR DISPOSING OF THE DAMAGED PRODUCT. ELEGANT ALUMINUM PRODUCTS INC. IS NOT RESPONSIBLE FOR THE IMPROPER INSTALLATION OF OUR PRODUCTS BY THIRD PARTIES, NOR IS ELEGANT ALUMINUM RESPONSIBLE FOR ANY DAMAGES RESULTING FROM ACTS OF GOD.

WARRANTY IS VALID ONLY AFTER RECEIPT OF SIGNED WARRANTY CARD. WARRANTY CARD MUST BE RETURNED WITHIN 10 DAYS OF INSTALLATION. WARRANTY IS NON-TRANSFERABLE.



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LAYOUT & MEASURING



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LAYOUT & MEASURING

Things to Consider

Where is the property line?

How many standard and custom panels are required to complete my job?

Is the perimeter level, or are there changes in the grade?

How do I determine panel rack left or right from the slope of the fence line?

How do I set stakes for determining gate placement?

How do I install the fence?

How do I install a gate?

How do I measure core-drill and plate-mount applications?

What are the final steps for completing installation?

What tools are needed?

How do I calculate the cost per linear foot?

What are the rules for fencing in my area pertaining to location, style, and height?

LAYOUT & MEASURING, continued

CALCULATING STANDARD PANELS AND CUSTOM PANELS

For Residential Grade Fence

1. Measure linear feet for area to be fenced in.
2. How many gates do you want in that area?
3. Subtract linear footage of gates from total linear feet of area to be fenced in (from step 1).
4. Convert footage to inches by multiplying total footage, less the gate footage, times 12.
5. Subtract 72.75 (**Residential Grade Standard Panel Length**) on center measurement.
Count how many times you subtract each standard panel. (# of 6' standard panels you need).
And keep subtracting standard panels until you are left with a number less than or equal to 150.
 - a. *Custom panels for "Ship Out" jobs not to exceed 76."
6. *FOR ONE CUSTOM PANEL*
 - a. If two 6' panels are remaining, and you want only one custom panel, divide by two and subtract 0.75 (1/2 **Nip Error**) and skip step 7, otherwise skip step 6 if you want two custom panels.
7. *FOR TWO CUSTOM PANELS*
 - a. For two custom panels, subtract 1.5 (**Nip Error**) from the number left in step 5
 - b. Divide by 2 for the width (in inches) of your 2 custom panels for that fence line.
8. Repeat steps 1 thru 7 for all fence lines
9. Total the number of standard panels, and total the entire length.
10. Total the number of custom panels, and entire length in either feet or inches.

Depending on the grade, change the standard panel length and Nip error in the calculations to the specifications chart below.

STANDARD PANEL LENGTHS AND NIP ERRORS SPECIFICATIONS

FENCE GRADE	STANDARD PANEL LENGTH	*NIP ERROR
RESIDENTIAL & LT. COMMERCIAL GRADES	72.75"	1.5

*A nip error is the snip on the end of the channel on each side of panel. It is where the channel is inserted into the posts. The custom panel lengths are accurately calculated per fence line, by subtracting the nip error for two custom panels, or half the nip error for one custom panel.

LAYOUT & MEASURING, continued

SETTING STAKES FOR GATE PLACEMENT

SINGLE GATES	2" Post
42" WIDE OPENING 40 ½" GATE FRAME	44" O/C to O/C
48" WIDE OPENING 46 ½" GATE FRAME	50" O/C to O/C
60" WIDE OPENING 58 ½" GATE FRAME	62" O/C to O/C

DOUBLE GATES	2" Post
84" WIDE OPENING 2x 40 ½" GATE FRAME	85" O/C to O/C
96" WIDE OPENING 2x 46 ½" GATE FRAME	97" O/C to O/C
120" WIDE OPENING 2x 58 ½" GATE FRAME	121" O/C to O/C

*Always determine gate swing. Make sure you have clearance.



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INSTALLATION

GUIDES



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FENCE INSTALLATION GUIDE

Checklist

- 1) Using a string line, layout your entire fence before starting. The string will be your straight edge.
- 2) Check for items on the packing list.
- 3) Mark the location of the holes, following the diagram supplied by Elegant Aluminum. Mark holes for standard panels on center at 72 3/4". The key to running an "Elegant" fence is lining the holes up with the string line.
- 4) Dig your holes 36"-42" deep, depending on your part of the country, and 6" wide.
- 5) Start by attaching one section of fence to the post, slide the panel into the notched end of the post and put a 1" self tapping screw into the pre-drilled pilot hole.
- 6) Level the post and pour your mixed concrete into the hole. The post should always be leveled off your string line. Never jump ahead, always 1 panel & 1 post at a time. Leave the concrete 3" short at the top of the hole. Now kick dirt on top of the hole and pack tight. This will help hold the fence level. Keep a 2" block under the fence to hold grade heights.
- 7) Now that you have completed the line, go back and level; in & out, up & down. If you are following the grade, stand back along the fence and adjust the fence up or down to match the grade.
- 8) If your line ended with a corner, the next panel must be notched to fit into the post.
- 9) Continue until all lines are complete.
- 10) After installing the fence and leveling the gate posts, hang the gates.

GATE INSTALLATION GUIDE

Checklist

- 1) Make sure your 2" x 2" gate posts are level and cement is hard.
- 2) Double check layout sheet for the swing direction of the gate.
- 3) Install hinges on the cemented 2" x 2" gate posts, using 1" long self tapping screws.
- 4) Center the gate in the opening and put 1 screw in each hinge. This is for final adjustment reasons.
- 5) Put on the gate striker and Lok Latch.
- 6) Install gate stop on latch side of gate about 2" from the bottom.
- 7) Adjust hinges by removing top cover and using a Phillips head screwdriver.
- 8) Continue adjusting hinges until the gate closes at a comfortable speed.
- 9) Once the gate swings well, put the remaining screws in the hinges.

**DO NOT USE GATE UNTIL CEMENT AROUND POST IS FULLY HARDENED,
APPROXIMATELY 24 HOURS!**

CORE DRILL AND PLATE MOUNT APPLICATIONS

Checklist

- 1) Layout concrete or wood deck.
 - For Plate Mounts, measure 4" from edge to center.
 - For Core Drill Applications, measure 5" to 6" in from edge to center.
- 2) Make an "X" at the center of your measurement (for installation).
- 3) Layout the gate area. Keep in mind, placement, swing, and direction.

FINAL TOUCHES

Checklist

- Touch up any marks with spray can.
- Tap post caps on posts with a rubber mallet
- Set your center support by pounding an extra picket-rod into the ground and screwing it to the center picket of the panel.
- Rake out extra dirt and wipe posts free from extra concrete.
- Always double check your straight line and gate tension.
- All screws face away from pool.

TOOLS NEEDED FOR INSTALLATION

Checklist

- Hand diggers and/or power diggers
- 100' tape measure (marked at 72 3/4")
- Tin snips
- Levels
- String line
- Hacksaw
- Screw gun & Phillips head tips
- Hammer
- Rubber Mallet
- Pliers

B.O.C.A Codes and Pool Safety Requirements

The information contained on this page is intended as a general overview of pool fencing safety codes and may not apply to you. It is vital that, before ordering, you check your local laws and regulations as they may vary from the B.O.C.A. standards. Also, please check with your home owners insurance company as they may have their own requirements.

The Building Officials and Code Administrators (B.O.C.A.) outline strong safety measures for swimming pool safety fences. Many communities have adopted these standards as their own in an effort to minimize accidental drowning. The International Residential Code (IRC) has the exact same requirements for pool safety fencing.

The most important requirements are these:

- The fence must be at least 48" tall
- The mid-rail must be at least 45" above the bottom rail. So some fence styles, if chosen, may have to be taller than 48"
- The spacing between pickets must be less than 4"
- The space between the bottom rail and the ground must be less than 4"
- The gate(s) must be self-closing
- The gate(s) must be self-latching
- The gate(s) need to open out (away from the pool area)
- The opening mechanism of the latch must be at least 54" above ground

POOL FENCE SAFETY REQUIREMENTS FOR B.O.C.A. CODES

Fence styles	Fence Heights				Gate Requirements			
	4'	54"	5'	6'	Lokk Latch	Top-Pull Magna-Latch	Vertical-Pull Magna-Latch	Self-Closing Hinges
F-Signature 2 CH Pool Code	✓	n/a	n/a	n/a	✗	✓	✗	✓
F-Signature 3 CH Pool Code	✓	n/a	n/a	n/a	✗	✓	✗	✓
F-Signature 3 CH Standard	✗	✓	✓	✓	✓	✓	✓	✓
FS-25 Majestic	✗	✓	✓	✓	✓	✓	✓	✓
3 Pt Trinity	✗	✓	✓	✓	✓	✓	✓	✓
4 Pt Formal	✗	✓	✓	✓	✓	✓	✓	✓
F-Dog Run	✗	✓	✓	✓	✓	✓	✓	✓
Drive Cap	✗	✓	✓	✓	✓	✓	✓	✓



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