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**ORDERING & ESTIMATING**

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# ORDERING

## INTRODUCTION

When placing an order for the Duro-Last roofing system, always use an order blank provided for this specific use. The order blanks are available upon request and on our website, [www.duro-last.com](http://www.duro-last.com). They will also help you in remembering all accessories. The Duro-Last roofing system is a prefabricated system and proper measurements are an important step in the ordering process.

When ordering a Duro-Last roof, some preliminary information is required. Your account number, company name, and complete address is needed to begin the order. A complete job address is also required. This includes correct spelling, complete street address, city, state, and zip code. The type of warranty, material color, packaging instructions, height of the building and deck type of the building will also be needed before placing the order. This information is required for shipping and for the warranty records at Duro-Last.

## ROOF SECTIONS

The Duro-Last Roofing System is always ordered by roof sections (maximum area for nominal 40 mil is 2,500 square feet, 2,000 square feet for 50 mil nominal) labeled A, B, C, etc. Three components of each roof section are width, length, and tab. The width and length are the overall dimensions of each roof section. The term tab defines on which dimension the fastening tab will be manufactured into the sheet.

(Example: 14'6" x 32'0" tab 32'0")

(Example: 32'0" x 14'6" tab 14'6")

### Note 1:

Duro-Last membrane is sold in six-inch increments. Example: A section which is ordered as 23'3" x 62'9" tab 62'9" would be made to the exact dimensions ordered. However it would be invoiced the same as a section 23'6" x 63'0" tab 63'0".

### Note 2:

When ordering roof sections, it is necessary to add six inches of membrane to the length and width of each sheet where a field weld joining two sheets will occur. Duro-Last produces the manufactured sections to the dimensions ordered, and does not include additional membrane for field welding. It is the responsibility of the individual ordering the roofing membrane to include the necessary six inches of membrane.

## NO-TAB ROOF SECTIONS

At times, circumstances demand that material must be ordered without the fastening tab. This is done by width x length and no tab. (Example: 14'6" x 32'0" no tab). In this example, the roof sections will be seamed parallel to the 32'0" length without the fastening tab under the material.

## PARAPETS

Duro-Last custom manufactures wall flashings to cover all or any part of parapet walls. All parapet wall flashings must contain one fastening tab for every 28" of vertical wall. Three components of the parapet wall flashings are width, length, and fastening tab location. The width and length are the overall dimensions of each parapet roof section. Tab locations are always denoted by the letters a, b, c, etc. followed by the width of that particular piece of the parapet roof section. (Example: 2'6" x 94'0" a = 6", b = 24") **See "Mechanically Fastened" details section for installation references.**

## ACCESSORIES

Careful consideration must be taken not to underestimate accessories and materials on the roofing project. The order blank will provide a reminder for ordering accessories.

## EQUIPMENT

Duro-Last offers a line of hand and automatic welders, hammer drill, panduit tools, power screw guns, pullout testers, and core cutters to supplement any roofing contractors equipment inventory or for contractors first starting in the single-ply market.

## ESTIMATING GUIDE MATERIAL GUIDE

### A. MEMBRANE ATTACHMENT

#### Mechanically Fastened Systems

1.	120" Tab	6" O.C. fasteners
	22 per square	sq. ft. x .22 = # fasteners
2.	120" Tab	9" O.C. fasteners
	16 per square	sq. ft. x .16 = # fasteners
3.	120" Tab	12" O.C. fasteners
	12 per square	sq. ft. x .12 = # fasteners

1.	60" Tab	6" O.C. fasteners
	42 per square	sq. ft. x .42 = # fasteners
2.	60" Tab	9" O.C. fasteners
	29 per square	sq. ft. x .29 = # fasteners
3.	60" Tab	12" O.C. fasteners
	22 per square	sq. ft. x .22 = # fasteners
4.	60" Tab	15" O.C. fasteners
	18 per square	sq. ft. x .18 = # fasteners
5.	60" Tab	18" O.C. fasteners
	16 per square	sq. ft. x .16 = # fasteners

1.	28" Tab	6" O.C. fasteners
	88 per square	sq. ft. x .88 = # fasteners
2.	28" Tab	9" O.C. fasteners
	58 per square	sq. ft. x .58 = # fasteners
3.	28" Tab	12" O.C. fasteners
	44 per square	sq. ft. x .44 = # fasteners
4.	28" Tab	15" O.C. fasteners
	35 per square	sq. ft. x .35 = # fasteners
5.	28" Tab	18" O.C. fasteners
	29 per square	sq. ft. x .29 = # fasteners

#### Fully Adhered Systems

1.	WB Adhesive	400 sq. ft. per pail
		sq.ft. x .0025 = # of pails
2.	SB Adhesive	200 sq. ft. per pail
		sq.ft. x .005 = # of pails
3.	4 x 8 Board	16 Fasteners per board
	50 per sq	sq. ft. x .5 = # fasteners
4.	4 x 8 Board	10 Fasteners per board
	32 per sq	sq. ft. x .32 = #fasteners

#### Duro-Roof Adhered Tab System

1.	Tab Sealer	60 Lineal Ft. per Gallon
		Ln. Ft. of tabs ÷ 60

### B. WALK WAY PADS

30" x 60" each  
60" x 60" each

Linear feet of walk pad needed ÷ 5 = # pads

### C. DURO-LAST SEALANT

- 18 linear feet per cartridge of Duro-Caulk or Para-Seal (A bead seal of 3/8" x 3/16")
- 18 cubic inches per cartridge of Pitch Pocket Filler (5" x 6" x 5/8" pitch pan)
- 350 linear feet of Strip Mastic per package (10 rolls at 35 feet each).

### D. DURO-LAST SURE-BOND 240

- 55-65 sq. ft. per gallon (adhesive)
- 100 linear feet per gallon (Water Block Seal 1" x 3/16")

### E. DURO-LAST TWO-WAY VENTS

One vent is required for each of 1,000 square feet of roof area and any fraction thereof with a minimum of one vent. (Example: 1,500 square feet requires two vents).

### F. SLIP SHEET COVERAGE

1.	Duro-Fold	(4' x 50' x 3/8")
	200 sq. ft. per bundle	sq.ft./200 = # bundles
2.	Ultra-Fold	(4' x 50' x 1/2")
	200 sq. ft.	sq.ft./200 = # bundles
3.	Polyethylene film	(20' x 100')
	2,000 sq. ft.	sq.ft./2,000 = # rolls
4.	Geotextile	(12.5' x 360')
	4,500 sq. ft.	sq.ft./4,500 = # rolls

### G. INSULATION FASTENING

1.	4' x 8' Insulation	5 fasteners/board
	16 per square	sq. ft. x .16 = # fasteners
2.	4' x 4' Insulation	4 fasteners/board
	25 per square	sq. ft. x .25 = # fasteners
3.	2' x 4' Insulation	2 fasteners/board
	25 per square	sq. ft. x .25 = # fasteners
4.	4' x 8' Gypsum	4 fasteners/board
	14 per square	sq. ft. x .16 = # fasteners
5.	4' x 50' Fanfold	16 fasteners/board
	8 per square	sq. ft. x .08 = # fasteners

### H. SCREWS FOR EDGING

- Drip Edge 15 fasteners/10'0" (8" O.C.)
- Gravel Stop 15 fasteners/10'0" (8" O.C.)
- Term Bar 21 fasteners/10'0" (6" O.C.)
- Fascia 21 fasteners/10'0" (6" O.C.)

# LIMITATIONS

The following are limitations when ordering the Duro-Last roofing system:

**A. ROOF SECTIONS**

**Mechanically Fastened Sheets, 5' roll & Carpet Roll:**

40-mil material – 2,500 square feet with no one dimension greater than 100'.

50-mil material – 2,000 square feet with no one dimension greater than 80'.

60-mil material - 1,500 square feet with no one dimension greater than 60'

Carpet rolls: no tab dimension greater than 25' (24' is recommended).

**Mechanically Fastened Sheets, 10' Tab Hot Air Weld:**

40-mil material – 3,050 square feet with up to 30'6" width and 100' length

50-mil material – 2,500 square feet with up to 25' width and 100' length

60-mil material - 1,640 square feet with up to 20'6" width and 80' length

**Fully Adhered Sheets:**

40-mil, 50-mil, and 60-mil **no tab material** - Carpet rolls up to 1,050 square feet with no one sheet dimension larger than 52' 6" wide and 20' long.

**B. PARAPET ROOF SECTIONS**

100 feet in length (max)

**C. ROLL GOODS**

Any size up to 5'-4" width x 240 feet length

**D. DURO-LAST FASTENERS**

6 inches and less-multiples of 1,000 each  
7 inches and longer - multiples of 500 each

All nails - multiples of 500 each

Metal anchors - multiples of 100 each

**Pre-assembled Polyplates W/#14 drill point tipped screws only:**

6 inches and less-multiples of 250 each

7 and 8 inches – multiples of 200 each  
**Pre-assembled Insulation Plates W/#14 drill point tipped screws only:**

6 inches and less-multiples of 250 each

7 and 8 inches – multiples of 200 each

**E. DURO-LAST PLATES**

2-inch Poly-Plates - box of 1,000 each

**2-inch Cleat Plates – box of 1,000 each**

3-inch Insulation Plate - box of 1,000 each

3-inch Metal Plates - box of 500 each

**F. DURO-LAST DRIP EDGE**

2-inch face - lengths of 10 feet

4-inch face - lengths of 10 feet

**G. DURO-LAST GRAVEL STOP**

2-inch face - lengths of 10 feet

4-inch face - lengths of 10 feet

**H. DURO-LAST TERMINATION BAR**

Lengths of 10 feet

**I. DURO-LAST FASCIA BAR**

Lengths of 10 feet

**J. DURO-LAST FASCIA COVER**

Lengths of 10 feet

**K. DURO-LAST METAL EDGE COVERS**

Lengths of 10 feet

**L. DURO-LAST METAL EDGING**

Lengths of 10 feet

**NOTE: ONE JOINT CLIP IS SHIPPED WITH EACH LENGTH OF EDGING ON ALL VINYL EDGING ONLY**