



## INFORMATIONAL MEMORANDUM

**TO:** Transportation and Infrastructure Services Committee  
**FROM:** Hari Ponnekanti, Public Works Director/ City Engineer  
**By:** Justine Kim, Senior Project Manager, Shiels Oblatz Johnsen, Inc.  
**CC:** Mayor Allan Ekberg  
**DATE:** June 17, 2022  
**SUBJECT:** Public Works Fleet and Facilities Tenant Improvement Project  
Project No. 91630601  
Contract No. 21-046, Change Order No. 15

### Issue

Approve Change Order No. 15 to Contract No. 21-046 with Lincoln Construction, Inc. for the Public Works Building Tenant Improvements Project for ordering of roofing materials due to a long lead time.

### Background

The City Council adopted a Combined Public Works Shop Capital Project as part of the City's Public Safety Plan. This project was most recently updated in the 2021-2022 Adopted Budget. The City chose a site in 2017, purchased properties in 2018 and began Phase 1 design and construction in 2019. Additional funding is needed for the Public Works Fleet and Facilities Tenant Improvement Project (Phase 1 of the Public Works Shop) of \$1 million to complete exterior work (roofing work, exterior envelope, and covered storage), as was discussed at Transportation and Infrastructure Services Committee on April 4, 2022. At the April 11, 2022 Committee of the Whole meeting, Council provided their consensus to proceed with this funding plan as outlined. This Change Order is one of the steps in proceeding with the funding plan, specifically related to the roofing work.

The Public Works Fleet and Facilities Tenant Improvement Project scope includes seismic upgrades, plumbing and electrical, fire protection, HVAC upgrades, and interior offices, locker rooms, and showers. The project is complete, and the Fleets and Facilities division will begin the move-in process in the coming weeks.

The project team is in the process of negotiating the Change Order for the roofing enhancement scope of work, among other exterior work, which was approved to proceed by the Council in April of 2022. The project team was informed that the roofing material to be installed are impacted by Covid-19 pandemic related supply chain disruption and it will take between 12 to 16 weeks for delivery from the order date. We also learned that the same material cost is estimated to increase between 8% to 15% in the next two months. Thus, we recommend moving forward with this Change Order now to avoid the anticipated cost increase.

### Analysis

The project architect is in the process of completing the documents for exterior scope of work, and it will take a few more weeks to perform due diligence to arrive at a fair, negotiated Change Order amount with Lincoln Construction. While waiting for the final negotiated number, it will be most advantageous for the City to approve ordering of the roofing materials that have a long lead requirement due to the

current market conditions. The attached draft Change Order has details of the material components that are required to perform the roofing enhancement work.

The table below describes the current construction contract with Lincoln Construction, Incorporated from the original contract to the current contract sum to date as of May (including sales tax). As a reminder, at the time of bid award, Lincoln Construction was the third lowest responsive bidder after two other contractors rescinded their bids due to error. One of the conditions requested by Lincoln Construction of accepting the award was to exclude the Bid Alternate for the roof enhancement scope. This was due to Lincoln’s Bid error associated with the Alternate.

**Fiscal Impact**

The expenditures associated with these tasks are anticipated and are included in the Council approved project budget. Lincoln Construction has provided a proposed amount of \$339,441.00 for the purchase of roofing materials. The table below shows the initial contract amount, previous Change Orders, the new proposed Change Order amount, and the new contract total of \$6,204,595.72.

<b>Lincoln Construction Contract</b>	
Original Contract	\$ 4,427,221.00
Total Change Orders to Date (Including May)	\$ 899,895.00
Total Contract Sum to Date	\$ 5,327,116.00
Sales Tax	\$ 538,038.72
Subtotal (through Change Order #14)	\$ 5,865,154.72
<b>Change Order #15 for Roofing Enhancement (Materials Only)</b>	<b>\$ 339,441.00</b>
<b>New Contract Amount</b>	<b>\$ 6,204,595.72</b>
Council Approved Maximum Construction Budget (Tenant Improvement + Roof/Exterior Scope)	\$ 7,982,180.86
Remaining Amount of Council Approved Construction Budget after Change Order #15	\$ 1,777,585.14

**Next Steps**

Order the roofing material and complete the documents for the 20-year roofing system upgrade, and other exterior scope of work and bring the negotiated Change Orders to Council for approval.

**Recommendation**

Council is being asked to approve Change Order No. 15 to Contract No. 21-046 with Lincoln Construction in the amount of \$339,441.00 for roofing materials and to consider this item on the Consent Agenda of the June 27, 2022, Special Council Meeting.

**Attachment:** Lincoln Construction Change Order



# CITY OF TUKWILA CONTRACT CHANGE ORDER NO. 15

DATE: **6/13/2022**  
PROJECT NO.: **91630601**  
PROJECT NAME: PW Fleet & Facilities

BUDGET NO.: 306.98  
CONTRACT NO.: 21-046 (o)

TO:

You are hereby directed to make the herein described changes to the plans and specifications or do the following described work not included in the plans and specifications on this contract:

NOTE: This change order is not effective until approved by the "Owner" and a notice to proceed is issued.

Conditions:

- A. The following change, and work affected thereby, are subject to all contract stipulations and covenants;
- B. The rights of the "Owner" are not prejudiced;
- C. All claims against the "Owner" which are incidental to or as a consequence of this change are waived; and
- D. The Contractor must submit all Field Overhead and Home Office Overhead Rates for approval in advance of all change orders.

**CHANGE: See Attached Exhibit "A"**

We the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above and below.

ACCEPTED: Date \_\_\_\_\_ Contractor \_\_\_\_\_

By \_\_\_\_\_ Title \_\_\_\_\_

Original Contract (without tax)*	\$ <b>4,427,221.00</b>	APPROVED BY THE CITY OF TUKWILA
Previous Change Order	\$ <b>899,895.00</b>	Date _____
This Change Order (without tax)	\$ <b>339,441.00</b>	By _____
REV. CONTRACT AMOUNT	\$ <b>5,666,557.00</b>	Mayor

Public Works Director \_\_\_\_\_

SOJ Program Director \_\_\_\_\_

Original Contract Time: **242 days** (December 3, 2021)  
Additional Contract Time from previous Change Orders: 129 days  
Additional Contract Time for this Change Order: **0 days**  
Updated Contract Time: **371 days** (April 11, 2022)

ORIGINAL: City Clerk (1 of 2)  
Contractor (2 of 2)

cc: Finance Department (w/encumbrance)  
Project Management File  
PW Project Finance File

\*The original contract value is construction only and does NOT include preconstruction or amendments to preconstruction.

**Exhibit "A"**

**CHANGE ORDER - SUMMARY OF CHANGE**



**CITY OF TUKWILA - Public Works (PW) Fleet & Facilities**

Project Name PW Fleet & Facilities CO # 015  
Project # 91630601 Contract # 21-046 (o)  
Date 6/13/22

TO CONTRACTOR: Lincoln Construction, Inc  
11803 101st Ave Ct E, Suite 201  
Puyallup, WA 98373

COP/CCD	#	Description	Reason Code	Amount
COP	118	<b>Roofing Materials for West and East Roofs.</b> The cost for roofing materials only, for complete re-roof per discussions and meetings for both East and West roof. Offloading by City of Tukwila, storage by City of Tukwila. Assumed storage in East shop. Please note there will be an assumed increase in material costs in the next 2 months anticipated between 8% and 15%.	OC	\$339,441.00
Change Order No. <b>015</b>				<b>\$339,441.00</b>

**DRAFT**

# CHANGE PROPOSAL REQUEST

**Lincoln Construction**

## Public Works Fleet and Facilities

To: City of Tukwila  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

COP NO: 118  
 CCD/PR No.: \_\_\_\_\_  
 Date: 6/13/2022  
 Project: \_\_\_\_\_

Attn.: Tukwila Public Works Fleet & Facilities Building

LCI Project No.: 1239

A. TOTAL MATERIAL/EQ BASE COST \$ -  
 B. TOTAL LABOR COST \$ -

SUBTOTAL \$ -

C. OVERHEAD AND PROFIT (13%) \$ -

SUBTOTAL \$ -

D. SUBCONTRACT COST \$ 310,900.00

E. OVERHEAD AND PROFIT ON  
 SUBCONTRACT COST (6%) \$ 18,654.00

SUBTOTAL \$ 329,554.00

H. BOND (GC ONLY) \$ 9,886.62

SUBTOTAL \$ 9,886.62

TOTAL CHANGE PROPOSAL COST \$ 339,441

CONTRACT TIME ADJUSTMENT (DAYS) **TBD**

Lincoln Construction, Inc.

*Thomas Romberg*

U

CONTRACTOR

Tom Romberg

6/13/2022

DATE

**Lincoln Construction**

**Change Order Request**

To: City of Tukwila  
\_\_\_\_\_  
\_\_\_\_\_

Date: 6/13/2022  
COP #: 118

Owner COP/CCD/PR #: \_\_\_\_\_

Re: **Public Works Fleet and Facilities**

Please provide a change order for the following work:

Roofing materials only for complete re-roof per discussions and meetings for both East and West roof. Offloading by City of Tukwila, storage by City of Tukwila. Assume storage in East shop.  
Please note there will be an assumed increase in material costs in the next 2 months anticipated between 8% and 15%.

**DRAFT**

Total price per attached breakdown: \$ 339,441  
State and local sales tax: \_\_\_\_\_ include  not included  
Extension of time: TBD

\_\_\_\_\_  
\_\_\_\_\_  
We have proceeded with the work  
Work will not proceed without formal authorization

This price is good for 5 days from the above date, after which this request is subject to revision.

Sincerely,  
*Thomas Romberg - Project Manager*

\_\_\_\_\_

# Lincoln Construction

CHANGE ORDER REQUEST SUMMARY

**Public Works Fleet and Facilities**

COP: **118**

REV: **000**

DATE: **6/13/2022**

DESCRIPTION: Owner COP/CCD/PR #:

LABOR	HOURS		RATE		TOTAL
PROJECT MANAGER		X	95.00	= \$	-
SUPERINTENDENT		X	88.95	= \$	-
ASSISTANT SUPERINTENDENT		X	77.15	= \$	-
CARPENTER-Concrete Form and Pourback		X	75.85	= \$	-
LABORER		X	67.72	= \$	-
		X		= \$	-
		X		= \$	-
		X		= \$	-
SUBTOTAL				= \$	-
SMALL TOOL ALLOWANCE @			0.0%	= \$	-
SUBTOTAL				= \$	-
MARK-UP @			13.0%	= \$	-
<b>TOTAL LABOR</b>				= \$	-
<b>MATERIALS/EQUIPMENT</b>	PHASE CODE	UNITS		RATE	
			X	0.00	= \$ -
			X	0.00	= \$ -
			X	0.00	= \$ -
			X	0.00	= \$ -
SUBTOTAL				= \$	-
USE TAX ON MATERIALS AND EQUIPMENT				0.0%	= \$ -
MARK-UP @				13.0%	= \$ -
<b>TOTAL MATERIAL/EQUIPMENT</b>				= \$	-
<b>SUBCONTRACTS</b>	PHASE CODE	UNITS		RATE	
		1	X		= \$ -
		1	X		= \$ -
Wayne's Roofing		1	X	310,900.00	= \$ 310,900.00
		1	X		= \$ -
		1	X		= \$ -
			X		= \$ -
			X		= \$ -
			X		= \$ -
SUBTOTAL				= \$	310,900.00
MARK-UP @	Sub Direct Cost	0		6.0% Less Sub Fee	= \$ 18,654.00
<b>TOTAL SUBCONTRACTS</b>					= \$ <b>329,554.00</b>
<b>PROPOSAL SUBTOTAL</b>					= \$ <b>329,554.00</b>
BONDS/Liability/Builders Risk/B&O Tax				3.000%	= \$ 9,886.62
<b>PROPOSAL TOTAL</b>					= \$ <b>339,440.62</b>

DRAFT

# BREAKDOWN OF COST

WAYNE'S ROOFING, INC.  
PO Box 2287  
Sumner, WA 98390



JOB NAME **Tukwila Public Works Fleet & Facilities Building**

DATE **6/13/2022**

CR DESCRIPTION: **PVC Roof Materials**

JOB NO

PVC Roofing Materials

	QTY	UNIT	DESCRIPTION	ITEM COST	TOTAL	
MATERIALS	4,950.00	PC	EPS Flute Filler Insulation	\$5.85	\$28,957.50	
	421.00	SQ	1/2" HD Coverboard	\$94.50	\$39,784.50	
	23.00	PAIL	4" Fasteners	\$254.00	\$5,842.00	
	8.00	PAIL	9" Fasteners	\$254.00	\$2,032.00	
	44.00	BX	3" Insulation Plates	\$150.00	\$6,600.00	
	50.00	SQ	3.3" Polyiso Insulation	\$167.31	\$8,365.50	
	29.00	SQ	Q-Panel Tapered Panel Insulation	\$95.13	\$2,758.77	
	55.00	SQ	2" Polyiso Insulation	\$101.40	\$5,577.00	
	5.00	PAIL	SA-Prmer	\$216.95	\$1,084.75	
	8.00	RL	SA Vapor Barrier	\$299.69	\$2,397.52	
	50.00	RL	Duro-Fleece 60ml light gray 10'x100'	\$1,360.00	\$68,000.00	
	9.00	RL	Duro-Last 60ml Light gray -2'8"x100'	\$333.75	\$3,003.75	
	91.00	PAIL	WB II Adhesive	\$192.20	\$17,490.20	
	30.00	RL	12" Duro-Last Stripping	\$125.00	\$3,750.00	
	100.00	EA	Term Bar	\$7.00	\$700.00	
	1.00	PAIL	Term Bar Fasteners	\$179.00	\$179.00	
	3.00	PAIL	Membrane Plates	\$400.00	\$1,200.00	
	7.00	EA	Inside Corner	\$4.45	\$31.15	
	129.00	EA	Outside Corner	\$5.60	\$722.40	
	20.00	EA	Stack Flashing	\$11.25	\$225.00	
	10.00	BAG	T-Joints	\$8.99	\$89.90	
	32.00	SHEET	Vinyl Coated Metal 4'X10'	\$186.00	\$5,952.00	
	5.00	CASE	Caulking 30/Case	\$253.50	\$1,267.50	
	38.00	EA	Walkpads 30"x60"	\$24.35	\$925.30	
	19,800.00	LF	Vinyl Ribs - 24"oc	\$2.99	\$59,202.00	
	1.00	LS	Freight	\$3,600.00	\$3,600.00	
	LABOR		HR	PROJECT MANAGER	\$130.00	
			HR	ROOFER STANDARD LABOR RATE	\$82.72	
			HR	ROOFER OVERTIME LABOR RATE	\$114.04	
EQUIP		DAY	CREW CAB CREW TRUCK (PER DAY)	\$299.00		
		DAY	2 TON FLATBED/DUMP TRUCK (PER DAY)	\$696.00		
		DAY	23 TON BOOM TRUCK (PER DAY)	\$961.00		
		DAY	6K-8K REACH FORKLIFT (PER DAY)	\$667.00		
			OTHER RENTALS			
		EA	PARKING FEES			
		TN	DISPOSAL	\$200.00		
SUB		LS				

COUNTY	TOTAL MATERIALS	TOTAL LABOR	TOTAL EQUIPMENT	SUBTOTAL	OH / PROFIT	TOTAL MATERIAL LABOR & EQUIP.	TOTAL SUBCONTRACTOR	OH / PROFIT	TOTAL SUBCONTRACTOR	INSURANCE	BONDING	TOTAL PRICE
KING	\$28,957.50	\$2,397.52	\$667.00	\$269,737.74		\$304,804				\$6,096.07		\$310,900
WRI PM				\$269,737.74	13.00 %	\$304,804		10.00 %				
AARON LEONARD						\$304,804						
GC COP #												
N/A												
WRI CR #												
001												





525 Morely Drive  
 Saginaw, MI 48601  
 (989) 753-6486  
 (800) 248-0280  
 FAX (989) 753-4472  
 FAX (800) 432-9331

Today's Date: 6/10/2022 Project Number: 194976  
 Customer: WILL WILLIAMS Customer #: 990300  
 Job Name: TUKWILA FLEET FACILITIES  
 Address: TBD  
 City: TUKWILA State: WA Zip: 00000  
 Ship to: TBD TUKWILA, WA Phone: 0  
 Contact: WILL WILLIAMS Email: 0  
 Taken By: NINA WENDLAND

Part #	MFR	Description	Qty	Unit	Price/Unit	Extended
	INSULFOAM	1# EPS BEVEL CUT 1.5" X 12"/9.5" X 96"	4950	PC	\$5.85	\$28,957.50
<p><b>DRY VAN</b></p> <p><b>PRICING VALID 30 DAYS FROM DATE ON QUOTE</b></p> <p><b>PRICING VALID ONLY IF SHIPPED BEFORE EXPIRATION DATE</b></p> <p><b>MUST VERIFY PIECE COUNTS BEFORE ORDERING</b></p> <p>Fuel Surcharge INCLUDED</p> <p>Taxes Not Included</p> <p>Terms 2% 10 Net 30</p>						
<b>PRICED SUSD - TOTAL:</b>						<b>\$28,957.50</b>

\*4x4 Pallet uses one spot - 4x8 Pallet uses two spots

Misc Notes:

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If you have any further questions, please call NINA WENDLAND at (800) 248-0280 - Ext: 2234





525 Morely Drive  
 Saginaw, MI 48601  
 (989) 753-6486  
 (800) 248-0280  
 FAX (989) 753-4472  
 FAX (800) 432-9331

Today's Date: 6/10/2022 Project Number: 194976 Expiration Date: 7/10/2022  
 Customer: WILL WILLIAMS Customer #: 990300  
 Job Name: TUKWILA FLEET FACILITIES  
 Address: TBD  
 City: TUKWILA State: WA Zip: 00000  
 Ship to: TBD TUKWILA, WA Phone: 0  
 Contact: WILL WILLIAMS Email: 0  
 Taken By: NINA WENDLAND

Part #	MFR	Description	Qty	Unit	Price/Unit	Extended
37399	HD PL CB3 001	0.5-inch DG HD ISO 100 PSI 4x8	403.2	Squares	\$94.50	\$38,102.40
<p><b>*ESTIMATED LEAD TIME: 9-12 MONTHS*</b></p> <p><b>PRICING VALID ONLY IF SHIPPED BEFORE EXPIRATION DATE</b></p> <p><b>FUEL SURCHARGE SUBJECT TO CHANGE BASED AT TIME OF ORDER</b></p>						
		Full Truck Freight	0	Trucks	\$0.00	
		Partial Truck Freight -(30 Spots)	1	Truck	\$380.00	\$380.00
		Taxes Not Included				
		Terms 2% 10 Net 30				
<b>PRICED SUSD - TOTAL:</b>						<b>\$38,482.40</b>

\*4x4 Pallet uses one spot - 4x8 Pallet uses two spots

Misc Notes:

If you have any further questions, please call NINA WENDLAND at (800) 248-0280 - E 2234



## DURO-LAST® STANDARD MEMBRANE

Please reference page 2 for temporary product lead time updates.

Description	Mil	White	Tan/Gray/Dark Gray/ Terra Cotta*
Roll Goods**	40	0.98/sq ft	1.00/ sq ft
60" Tabs/120" Tabs	40	1.03/sq ft	1.04/sq ft
28" Tab/Parapets	40	1.10/sq ft	1.12/ sq ft
Roll Goods**	50	1.11/sq ft	1.12/sq ft
60" Tabs/120" Tabs	50	1.15/sq ft	1.17/sq ft
28" Tabs/Parapets	50	1.22/sq ft	1.24/sq ft
Roll Goods**	60	1.23/sq ft	1.25/sq ft
60" Tabs/120" Tabs	60	1.28/sq ft	1.30/sq ft
28" Tabs/Parapets	60	1.35/sq ft	1.38/sq ft
6" Round Patch (50 ct.)		10.00/bag	10.00/bag

\* Terra Cotta available in 50-Mil only.

\*\* Roll Goods: Material that is 5'4" or less in width without custom fabrication.

### TERRA COTTA AVAILABLE IN THE FOLLOWING ACCESSORIES:

Description	Price Each
Two-Way Roof Vent	26.99
Plenum Vent	85.99
6" x 6" Inside Corner	6.25
6" x 6" Outside Corner	7.45
6" x 18" Inside Corner	8.60
6" x 18" Outside Corner	10.80
18" x 12" Outside Corner	12.45
6" x 6" Outside Butterfly	9.25
1" Stack	11.95
1½" – 8" Stack	13.85
9" – 11" Stack	17.65
12" – 15" Stack	20.80
2" – 8" Drain	18.99

### SPECIAL DECK SHEET CHARGES

A \$.07/sq. ft. upcharge will be applied in the following situations:

- Tab spacing is not 28", 60" or 120" tabs
  - 10"-27" (28" pricing + \$.07)
  - 29"-59" tabs (60" pricing + \$.07)
  - 61"-119" tabs (120" pricing + \$.07)
- More than two reverses or last laps, where laps are less than 60".
- The fastening tab length is greater than 3".
- Non-rectangular sheets
  - 10"-28" tabs (28" pricing + \$.07)
  - 29"-120" tabs (60" pricing + \$.07)

\*Only one \$.07/sq. ft. charge applied per deck sheet.

Maximum Sheet Sizes for 5' Tabs	
40-mil	2,500 sq. ft.
50-mil	2,000 sq. ft.
60-mil	1,500 sq. ft.

Maximum Sheet Sizes for 10' Tabs	
40-mil	3,000 sq. ft.
50-mil	2,500 sq. ft.
60-mil	2,000 sq. ft.

## DURO-LAST STANDARD ROLL GOOD SIZES

COLOR	MIL	SIZE	SQ FT	WEIGHT	ROLL PRICE
White	40	5'4" x 150'	800	200	784.00
White	40	5'4" x 100'	534	115	523.32
White	40	5'4" x 50'	267	68	261.66
White	40	2'8" x 100'	267	68	261.66
White	40	8" x 100'	67	17	65.66
White	40	12" x 100'	100	25	98.00
Tan	40	5'4" x 100'	534	115	534.00
Tan	40	2'8" x 100'	267	68	267.00
Tan	40	12" x 100'	100	25	100.00
Gray	40	5'4" x 100'	534	115	534.00
Gray	40	2'8" x 100'	267	68	267.00
Gray	40	12" x 100'	100	25	100.00
Dark Gray	40	5'4" x 100'	534	115	534.00
Dark Gray	40	2'8" x 100'	267	68	267.00
Dark Gray	40	12" x 100'	100	25	100.00

COLOR	MIL	SIZE	SQ FT	WEIGHT	ROLL PRICE
White	50	5'4" x 100'	534	172	592.74
White	50	5'4" x 50'	267	85	296.37
White	50	2'8" x 100'	267	85	296.37
White	50	8" x 100'	67	22	74.37
White	50	12" x 100'	100	33	111.00
Tan	50	5'4" x 100'	534	172	598.08
Tan	50	2'8" x 100'	267	85	299.04
Tan	50	12" x 100'	100	33	112.00
Gray	50	5'4" x 100'	534	172	598.08
Gray	50	2'8" x 100'	267	85	299.04
Gray	50	12" x 100'	100	33	112.00
Dark Gray	50	5'4" x 100'	534	172	598.08
Dark Gray	50	2'8" x 100'	267	85	299.04
Dark Gray	50	12" x 100'	100	33	112.00
Terra Cotta	50	5'4" x 100'	534	172	598.08
Terra Cotta	50	2'8" x 100'	267	85	299.04
Terra Cotta	50	12" x 100'	100	33	112.00

COLOR	MIL	SIZE	SQ FT	WEIGHT	ROLL PRICE
White	60	5'4" x 100'	534	208	656.82
White	60	5'4" x 50'	267	104	328.41
White	60	2'8" x 100'	267	104	328.41
White	60	8" x 100'	67	26	82.41
White	60	12" x 100'	100	40	123.00
Tan	60	5'4" x 100'	534	208	667.50
Tan	60	2'8" x 100'	267	104	333.75
Tan	60	12" x 100'	100	40	125.00
Gray	60	5'4" x 100'	534	208	667.50
Gray	60	2'8" x 100'	267	104	333.75
Gray	60	12" x 100'	100	40	125.00
Dark Gray	60	5'4" x 100'	534	208	667.50
Dark Gray	60	2'8" x 100'	267	104	333.75
Dark Gray	60	12" x 100'	100	40	125.00

NOTE: Not stocked—Call for lead time.

## DURO-FLEECE® COLOR 60-MIL

Please reference page 2 for temporary product lead time updates.

Color	Roll Size	Item #	Sq. Ft. Price	Price/Roll
Light Gray	5' x 100'	662050	1.36	680.00
	10' x 100'	662051	1.36	1,360.00
Charcoal	5' x 100'	662052	1.36	680.00
	10' x 100'	662053	1.36	1,360.00
Patina	5' x 100'	662054	1.36	680.00
	10' x 100'	662055	1.36	1,360.00
Light Tan	5' x 100'	662056	1.36	680.00
	10' x 100'	662057	1.36	1,360.00
Blue	5' x 100'	662062	1.36	680.00
	10' x 100'	662063	1.36	1,360.00
Green	5' x 100'	662058	1.45	725.00
	10' x 100'	662059	1.45	1,450.00
Copper	5' x 100'	662060	1.45	725.00
	10' x 100'	662061	1.45	1,450.00

### NOTES:

- Minimum order quantity is 10,000 sq. ft.
- All shipments ship from Michigan facility.

## DURO-FLEECE® COLOR 80-MIL

Please reference page 2 for temporary product lead time updates.

Color	Roll Size	Item #	Sq. Ft. Price	Price/Roll
Light Gray	5' x 65'	662070	1.50	487.50
	10' x 65'	662071	1.50	975.00
Charcoal	5' x 65'	662072	1.50	487.50
	10' x 65'	662073	1.50	975.00
Patina	5' x 65'	662074	1.50	487.50
	10' x 65'	662075	1.50	975.00
Light Tan	5' x 65'	662076	1.50	487.50
	10' x 65'	662077	1.50	975.00
Blue	5' x 65'	662068	1.50	487.50
	10' x 65'	662069	1.50	975.00
Green	5' x 65'	662078	1.60	520.00
	10' x 65'	662079	1.60	1,040.00
Copper	5' x 65'	662066	1.60	520.00
	10' x 65'	662067	1.60	1,040.00

### NOTES:

- Minimum order quantity is 10,000 sq. ft.
- All shipments ship from Michigan facility.

## DURO-TUFF AND DURO-FLEECE COLOR MEMBRANE ACCESSORIES

Product Description	Price
Two-Way Vent (customer chooses vent color)	20.99
Plenum Vent (customer chooses vent color)	86.49
6" x 6" Inside Corner	4.45
6" x 6" Outside Corner	5.60
6" x 18" Inside Corner	6.15
6" x 18" Outside Corner	6.95
18" x 12" Outside Corner	10.65
6" x 6" Outside Butterfly Corner	7.35
1" Stack	10.05
1½"-8" Stack	11.95
9"-11" Stack	15.05
12"-15" Stack	18.25
2"-8" Drain	15.99
T-Patch 4"-6" Bag (50 ct.)	8.99

NOTE: Item numbers vary based on color selection of the membrane.

## DURO-LAST® EV ROLL GOODS WHITE

Please reference page 2 for temporary product lead time updates.

Roll Size	Mil	Item #	Sq. Ft. Price	Price / Roll
10" x 100' Stripping	50	661471	1.13	94.92
2' 6" x 100'	50	661470	1.13	282.50
5' x 100'	50	661460	1.13	565.00
10' x 100'	50	661461	1.13	1,130.00
10" x 100' Stripping	60	661481	1.25	105.00
2' 6" x 100'	60	661480	1.25	312.50
5' x 100'	60	661462	1.25	625.00
10' x 100'	60	661463	1.25	1,250.00
T-Patch 4"-6" Bag (50 ct.)		8067EV		5.99

### NOTES:

- Accessories are produced with Duro-Last EV 50-Mil White Membrane.
- Pricing is equal to Duro-Last standard membrane accessory pricing.

## DURO-LAST ACCESSORIES

### STACK FLASHINGS (Add .50 for gray, tan or dark gray)

Size	Item # Closed	Item # Open	Price Each
1"	1315	n/a	8.80
1½"	1315H	2315H	10.75
2"	1316	2316	10.75
3"	1317	2317	10.75
4"	1318	2318	10.75
5"	1319	2319	10.75
6"	1320	2320	10.75
7"	1321	2321	10.75
8"	1322	2322	10.75
9"	1323	2323	13.20
10"	1324	2324	13.20
11"	1325	2325	13.20
12"	1326	2326	16.40
13"	1327	2327	16.40
14"	1328	2328	16.40
15"	1329	2329	16.40
16"	n/a	Open Only	39.65
18"	n/a	Open Only	40.26
20"	n/a	Open Only	40.87
22"	n/a	Open Only	41.47
24"	n/a	Open Only	42.08

### NOTES:

- Over 24", call Sales Department for pricing.
- Manufactured using outside diameter measurements.

## PANDUIT BANDS

Description	Item #	Price Each
Panduit Tool	1221	221.49
¾" x 14" S.S. Bands (50/bag)	1222	37.99
¾" x 20" S.S. Bands (50/bag)	1222P	56.49

## DURO-LAST MEMBRANE CUSTOM MADE SCUPPERS ESTIMATING CHART

B \ A	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
4	50.15	51.23	52.31	53.39	54.47	55.55	56.63	57.71	58.79	59.87	60.95	62.03	63.11	64.19	65.27
6		52.31	53.39	54.47	55.55	56.63	57.71	58.79	59.87	60.95	62.03	63.11	64.19	65.27	66.35
8			54.47	55.55	56.63	57.71	58.79	59.87	60.95	62.03	63.11	64.19	65.27	66.35	67.43
10				56.63	57.71	58.79	59.87	60.95	62.03	63.11	64.19	65.27	66.35	67.43	68.52
12					58.79	59.87	60.95	62.03	63.11	64.19	65.27	66.35	67.43	68.52	69.60
14						60.95	62.03	63.11	64.19	65.27	66.35	67.43	68.52	69.60	70.68
16							63.11	64.19	65.27	66.35	67.43	68.52	69.60	70.68	71.76
18								65.27	66.35	67.43	68.52	69.60	70.68	71.76	72.84
20									67.43	68.52	69.60	70.68	71.76	72.84	73.92
22										69.60	70.68	71.76	72.84	73.92	75.00
24											71.76	72.84	73.92	75.00	76.08
26												73.92	75.00	76.08	77.16
28													76.08	77.16	78.24
30														78.24	79.32
32															80.40

The above prices are good for scuppers with distance through the wall "C" equal to 18 inches or less.

### FASTENERS

#### #14 SCREWS P-3 Head

Description	Spade Point Item #	Drill Point Item #	Quantity/Pail	Price Each
1½"	1442-2	1361-2	2,000/pail	178.00
2"	1446-2	1362-2	2,000/pail	208.00
2½"	1456	1363	1,000/pail	135.00
3"	1447	1364	1,000/pail	149.00
3½"	1457	1365	1,000/pail	165.00
4"	1448	1366	1,000/pail	196.00
4½"	1458	1367	1,000/pail	254.00
5"	1449	1368	1,000/pail	269.00
5½"	1459	1369	1,000/pail	329.00
6"	1450	1370	1,000/pail	344.00
7"	1451	1371	500/pail	216.00
8"	1452	1372	500/pail	238.00
9"	1253	1373	500/pail	329.00
10"	1254	1374	500/pail	381.00
11"	1255	1375	500/pail	425.00
12"	1256	1376	500/pail	463.00

**NOTES:**

- Spade Point.
- Drill Point P-3 Head: Steel Decks (18 to 24 Gauge).

#### #15 SCREWS

Wood or Steel Decks

Description	Item #	Quantity/Pail	Price Each
2"	1378	1,000/pail	179.00
3"	1379	1,000/pail	224.00
4"	1380	1,000/pail	254.00
5"	1381	1,000/pail	329.00
6"	1382	500/pail	210.00
7"	1383	500/pail	291.00
8"	1384	500/pail	322.00
9"	1385	250/pail	254.00
10"	1386	250/pail	272.00
11"	1387	250/pail	280.00
12"	1388	250/pail	347.00
14"	1257	250/pail	381.00
16"	1258	250/pail	422.00
18"	1259	250/pail	542.00
20"	1260	250/pail	657.00

#### FASTENERS FOR EDGE DETAILS

Description	Item #	Quantity/Pail	Price Each
1¼" Hexhead #14	1444-2	2,000/pail	208.00
¼" x 1½" ZAMAC Metal Anchor	12411	1,000/pail	224.00

#### VERSA-FASTENERS

For additional sizes call for availability.

Description	Item #	Quantity/Pail	Price Each
2¼"	20001	1,000/pail	149.00
3¼"	20002	1,000/pail	196.00
4¼"	20003	1,000/pail	238.00
VersaFast Plates	20040	1,000/pail	177.00

### DRILL BITS

Description	Item #	Price Each
7/32" x 6" Straight	1631	5.25
7/32" x 11" SDS	1644	18.05
7/32" x 16" SDS	1645	26.45
3/16" x 3" Straight	1632	3.35
3/16" x 6" Straight	1633	4.55
3/16" x 6 1/2" SDS	1629	6.95
3/16" x 8 1/2" SDS	1635	10.00
3/16" x 10" SDS	1630	13.95
3/16" x 12" Straight	1804	19.15
3/16" x 12" SDS	1640	17.40
1/4" x 4" Straight	1266	3.70
1/4" x 4" SDS	1268	6.65
1/4" x 6" SDS	1643	6.95

#### DRILL BIT INFORMATION

- All drill bits are listed by size and total length.
- Deduct approx. 2" for insertion of bit into tool.
- 3/16"- For concrete decks.
- 1/4"- for anchors going into concrete.
- 7/32"- bigger easier to use when concrete is dense.
- Straight bit vs. SDS (spline drive shaft) - based on drill.
- Straight- More likely to spin.
- SDS- Only for specific drills.
- Usable length is 2" shorter than drill bit size.
- Drill bit is 1/2"-1" longer than fastener.
- Order drill bit 3" longer than fastener.

### PURLIN FASTENERS

Drop-Ship Only

Description	Item #	Quantity/Pail	Price Each
1 3/8"	1488	2,500/pail	370.00
2 3/4"	1489	1,000/pail	224.00
3 3/4"	1490	1,000/pail	329.00
4 3/4"	1491	1,000/pail	344.00
5 3/4"	1492	1,000/pail	359.00
6 3/4"	1493	1,000/pail	568.00
7 3/4"	1494	500/pail	308.00
8 3/4"	1494-001	500/pail	366.00

### PLATES

Description	Item #	Quantity/Box	Price Each
2" Round Poly Plates	1305P	1,000/box	250.00
3" Square Steel Plates	1300S	500/box	150.00
3" Plastic Insulation Plates	1305I	1,000/box	200.00
Metal Cleat Plates	1304	1,000/box	400.00
RhinoBond Induction Plate	1302	500/box	450.00
DL 3" Induction Insulation Disc	18654	100/bag	10.50
RhinoBond Insulation Disk	1339	250/box	47.00
TruFast Induction Plate	1865	500/box	400.00
1 1/2 x 2 3/4 Oval Metal Plate	1310	500/box	175.00
AccuSeam® Plates 2-3/8"	1867	1,000/box	400.00
AccuTrac® Plates 3"	1866	1,000/box	400.00

### SNOW DIVERTERS

(Add .50 for gray, tan or dark gray)

Description	Item #	Price Each
White w/ White Skirt	1240	44.60
Tan w/ Tan Skirt	1240B	45.55
Tan w/ Terra Cotta Skirt	1240TC	49.15
Gray w/ Gray Skirt	1240G	45.55
Dark Gray w/ Dark Gray Skirt	1240GDX	45.55

### CONDUIT/ESCUTCHEON WASHERS

(White, tan and gray)

Description	Item #	Price Each
1/2"	1338	3.00
3/4"	1337	3.00
1"	1336	3.00

### ROOF TRAK® III WALKWAY PADS

Description	Item #	Price Each
30" X 60" White	1080	24.35
60" X 60" White	1082	43.95
30" X 60" Tan	1081	24.35
60" X 60" Tan	1083	43.95
30" X 60" Gray	11107	24.35
60" X 60" Gray	11108	43.95
30" X 60" Safety	1086	24.90
60" X 60" Safety	1087	45.70

NOTE: The above walkway pads come with a 4" white skirt on two sides with the 60" dimension.

Description	Item #	Price Each
30" X 60" Safety Skirt 4 Sides	1355	33.85
30" X 60" White Skirt 4 Sides	1356	33.85

## TERMINATION DETAILS

### VINYL TERMINATION BAR

(10' lengths)

Description	Item #	Price/Ft
White	1225	0.60
Tan	1225B	0.70
Gray	1225G	0.70

### ALUMINUM TERMINATION BAR

(10' lengths)

Description	Item #	Price/Ft
Aluminum Term Bar TB-50	1962	0.70
Aluminum Term Bar TB-75	1963	0.85

### VINYL FASCIA BAR & VINYL COVERS

(10' lengths)

Description	Item #	Price/Ft
1 3/4" Fascia Bar	1568	1.49
1 3/4" White Vinyl Cover	1569	0.99
1 3/4" Tan Vinyl Cover	1569B	0.99
1 3/4" Gray Vinyl Cover	1574	0.99
1 3/4" Additional White Joint Clips	1570	0.99
1 3/4" Additional Tan Joint Clips	1570B	0.99
1 3/4" Additional Gray Joint Clips	1575	0.99
4" Fascia Bar	1571	2.49
4" White Vinyl Cover	1572	2.49
4" Tan Vinyl Cover	1572B	2.99
4" Gray Vinyl Cover	1578	2.99
4" Additional White Joint Clips	1573	2.49
4" Additional Tan Joint Clips	1573B	2.49
4" Additional Gray Joint Clips	1579	2.49

#### NOTES:

- Fascia Bar metal covers are located in the Exceptional® Metals price list.
- One clip per 10' of cover is included with cover.

### VINYL DRIP EDGE

(10' lengths with 6" skirt)

Description	Item #	Price/Ft
2" Face White/White Skirt	1220	3.60
2" Face Tan/Tan Skirt	1220B	4.25
2" Face Gray/Gray Skirt	1220G	4.25
2" Additional Clip White	1228	1.80
2" Additional Clip Tan	1228B	1.80
2" Additional Clip Gray	1228G	1.80
4" Face White/White Skirt	1583	4.25
4" Face Tan/Tan Skirt	1583B	4.80
4" Face Gray/Gray Skirt	1583G	4.80
4" Additional Clip White	1584	1.80
4" Additional Clip Tan	1584B	1.80
4" Additional Clip Gray	1584G	1.80

#### NOTES:

- One clip per 10' of drip edge is included.
- Edging and skirt colors are interchangeable, but are not a stock item.

## VINYL DRIP EDGE OUTSIDE CORNERS

Description	Item #	Price/Ft
2" Face White w/ White Skirt	1558	10.25
2" Face Tan w/ Tan Skirt	1558B	12.60
2" Face Gray w/ Gray Skirt	1558G	12.60
4" Face White w/ White Skirt	1585	12.60
4" Face Tan W/ Tan Skirt	1585B	15.00
4" Face Gray W/ Gray Skirt	1585G	15.00

#### NOTES:

- Edging and skirt colors are interchangeable, but are not a stock item.

### VINYL GRAVEL STOP

(10' lengths with 6" skirt)

Description	Item #	Price/Ft
2" Face White/White Skirt	1226	3.70
2" Face Tan/Tan Skirt	1226B	4.35
2" Face Gray/Gray Skirt	1226G	4.35
2" Additional Clip White	1613	1.25
2" Additional Clip Tan	1613B	1.80
2" Additional Clip Gray	1613G	1.80
4" Face White/White Skirt	1587	4.35
4" Face Tan/Tan Skirt	1587B	4.95
4" Face Gray/Gray Skirt	1587G	4.95
4" Additional Clip White	1588	1.80
4" Additional Clip Tan	1588B	1.80
4" Additional Clip Gray	1588G	1.80

#### NOTES:

- Edging and skirt colors are interchangeable, but are not a stock item.
- One clip per 10' of gravel stop is included.
- Metal gravel stop covers are located in the Exceptional Metals price list.

### VINYL GRAVEL STOP OUTSIDE CORNERS

Description	Item #	Price/Ft
2" Face White w/ White Skirt	1614	10.50
2" Face Tan w/ Tan Skirt	1614B	12.95
2" Face Gray w/ Gray Skirt	1614G	12.95
4" Face White w/ White Skirt	1589	12.40
4" Face Tan W/ Tan Skirt	1589B	14.80
4" Face Gray W/ Gray Skirt	1589G	14.80

#### NOTES:

- Edging and skirt colors are interchangeable, but are not a stock item.
- Metal gravel stop covers are located in the Exceptional Metals price list.

## CAULK AND ADHESIVES

### CAULK

Description	Item #	Quantity/Case	Price/Each
Duro-Caulk® Plus White	1136	30/case or single	8.45
Duro-Caulk® Plus Tan	1137	30/case or single	8.45
Duro-Caulk® Plus Gray	1134	30/case or single	8.45
Duro-Caulk® Plus Bronze	1135	30/case or single	8.45
Duro-Caulk Advanced White	11480	30/case or single	8.45

**NOTE:** Duro-Caulk Plus is a silicone-based sealant, while Duro-Caulk Advanced is a polyether-based sealant allowing it to be painted.

### SEALANTS

Description	Item #	Quantity	Price/Each
Pitch Pan Filler	1122	30/case or single	8.80
Sure Bond 240 Mastic	1123	5G Pail	225.80
Duro-Mastic® Strip Mastic	1129	350' mastic	123.90
Tab Sealer 4725 (5G Pail)	1119T	5G Pail	167.40

### NON-FLEECE MEMBRANE ADHESIVES

Description	Item #	Quantity	Price/Each
Water Base Adhesive	1111	5G	192.20
Duro-Last Solvent-Grip Spray Adhesive	11020	40 lb Canister (400 sq. ft. <sup>2</sup> )	275.65
Duro-Last Solvent-Grip Cleaner	11021	15 lb. Canister	128.45
Duro-Last Solvent-Grip Gun and Wand (Re-Usable)	11023	Each	208.49
Duro-Last Solvent-Grip 12' Hose	11025	Each	51.99
Duro-Last Solvent-Grip 18' Hose	11024	Each	65.99
Duro-Last Solvent-Grip Replacement Spray Tip	11027	Each	18.49
Solvent Base IV Adhesive	1112-010	5G	222.55

**NOTE:** Coverage rates for all adhesives are available on [www.duro-last.com](http://www.duro-last.com).

### LOW RISE INSULATION ONLY ADHESIVES

Drop-Ship Only

Description	Item #	Quantity	Price/Each
Duro-Grip® CR-20 HFO	11055	Set	953.55
Duro-Grip® CR-20 HFO 17G Refillable Tank	11057	Set, Plus Deposit	2,489.90
Duro-Grip® CR-20 HFO 17G Refillable Tank Kit	11058	Set, Plus Deposit	2,537.05
TRUFast Roof Adhesive Cartridge	11036	4/case	143.20
OMG OlyBond 500® Insulation Adhesive Bag-in-Box	1108	10G Set	743.35
OMG OlyBond 500® Insulation Adhesive 15G Drums (includes 25' hose, 3 extension tubes, 6 tips and gun assembly)	1108-056	15G Drums	1,358.40
OMG OlyBond 500® SpotShot Insulation Adhesive	1104	4/case	320.55
OMG OlyBond 500® SpotShot Insulation Adhesive Winter	1104W	4/case	320.55
Millennium One Step	1105	4/case	223.20
Millennium PG-1 Pump Set	1130		707.40
Millennium PG-1 Pump Grade	1130-15	15G	1,626.60
InstaStik	1117-001		345.95
InstaStik Wand Kit	1117-002		52.70

## DURO-FLEECE MEMBRANE ADHESIVES

Drop-Ship Only

Description	Item #	Quantity	Price/Each
Water Base Adhesive*	1111	5G	192.20
<b>Adhesives Below Approved for Both Membrane and Insulation Attachment</b>			
Duro-Grip® CR-20 HFO	11055	Set	953.55
Duro-Grip® CR-20 HFO 17G Refillable Tank	11057	Set Plus Deposit Below	2,489.90
Duro-Grip® CR-20 HFO 17G Refillable Tank Kit	11058	Set Plus Deposit Below	2,537.05
Duro-Grip® CR-20 HFO 17G Refillable Tank Deposit	11048	Deposit per each set	300.00
TRUFast Roofing Adhesive Tanks (Part A & Part B) Hose & Gun Included	11049	Set	805.35
TRUFast Roofing Adhesive 15G Tanks (Part A & Part B) Cart Dispensed	11054	Set	1,079.40
OMG OlyBond 500® Fleece Adhesive Cartridge	1106	4/case	306.25
OMG OlyBond 500® Fleece Adhesive Bag-in-Box Set	1107	10G Set	745.25

### NOTES:

- \*In stock, not a drop-ship item.

## ADHESIVE ACCESSORIES

Drop-Ship Only

Description	Item #	Price/Each
Duro-Grip Hose Kit	1109-001	170.50
Duro-Grip Nozzles (10/bag)	1109-002	49.60
Duro-Grip CR-20 Colorwise Fan Tip Nozzle 8/bag	11050	28.50
Duro-Grip CR-20 Colorwise Fan Tip Nozzle 25/bag	11051	57.65
Duro-Grip CR-20 17G Refillable Tank Gun & 100' Hose Applicator	11039	225.65
Duro-Grip CR-20 17G Refillable Tank Regulator Assembly w/ Hoses	11040	788.65
Duro-Grip CR-20 17G Refillable Tank Calibration Nozzles 6/Pack	11044	27.25
Duro-Grip CR-20 17G Refillable Tank Calibration Nozzles 25/Pack	11045	67.50
Duro-Grip CR-20 17G Refillable Tank Colorwise Mixing Nozzles 10/Pack	11041	49.60
Duro-Grip CR-20 17G Refillable Tank Colorwise Mixing Nozzles 25/Pack	11042	104.75
Duro-Grip CR-20 17G Refillable Tank Small Gram Scale	11047	125.85
Duro-Grip CR-20 17G Refillable Tank PSI "PolySolv" Aerosol Cleaner	11046	345.95
Duro-Grip CR-20 17G Refillable Tank Cart Transporter	11048-001	2,694.99
TRUFast Roofing Adhesive Hose and Gun	11052	170.50
TRUFast Roofing Adhesive Mixing Tip Pack	11053	29.75
OMG Pace Cart 3	1099-003	10,453.49
OMG Hand Applicator	1096	208.49
OMG Stand-Up Applicator	1097	433.99
OMG Power Applicator	1098	1,180.99
<b>Powerblanket Bucket Heaters 5 GL</b>	<b>12033</b>	<b>345.50</b>
<b>Powerblanket 17G Foam Cylinder Warmer</b>	<b>12034</b>	<b>560.50</b>
<b>Powerblanket Hot Box 48" x 48" x 48"</b>	<b>12035</b>	<b>2,703.00</b>
<b>Powerblanket Tote Heaters 48"x48"x48"</b>	<b>12036</b>	<b>1,594.50</b>
<b>Powerblanket Tote Heaters 48"x40"x53"</b>	<b>12037</b>	<b>1,789.00</b>
<b>Powerblanket 40 lb Cylinder Warmer</b>	<b>12038</b>	<b>613.60</b>



## UNDERLAYMENTS AND VAPOR BARRIERS

### UNDERLAYMENT

Description	Item #	Roll Size	Price/Each
Duro-Weave Slip-Sheet CLR	1292-155	10' x 360'	222.10
Duro-Blue® Slip-Sheet	1292-050	20' x 100'	104.40
Duro-Blue Slip-Sheet	1292-100	20' x 360'	349.45
Atlas FR-10 Slip-Sheet	1290	48" x 250'	236.80
GAF Solo Fire-Retardant Slip-Sheet	1290002	6' x 166.67'	436.85
Geotextile	1298	15' x 360'	519.75
Ballast Mat	1293	12' x 100'	223.35
Drainage Mat	1533	4' x 100'	508.99

### DURO-GUARD® XPS & EPS

Description	Item #	Sheet Size	Price/Each
Duro-Guard XPS Crush Fold	1295	48" x 50' x 3/8"	52.49
Duro-Guard EPS Fan Fold	38142	48" x 50' x 1/2"	70.49

### DURO-LAST VAPOR BARRIER PRODUCTS

Description	Item #	Size	Price/Each
Duro-Last Vapor Barrier	1344	45" x 133'	299.60
Sopramastic	1346	10.5 oz cartridge 20/case	10.80
Duro-Last VB Primer	1345	5G Pail	216.95
Duro-Last Torch-Down Vapor Barrier	1347	39.4" x 49.2'	93.60
Duro-Last TDVB Primer	1348	5G Pail	137.30

### DURO-LIGHT™ SKYLIGHT SERIES

Delivered direct to you from the manufacturer. Manufacturing lead times and ship dates are subject to the skylight manufacturer.

Manufacturing lead times and ship dates are subject to the skylight manufacturer.

For pricing and availability email [iestimating@duro-last.com](mailto:iestimating@duro-last.com) or contact the Insulation Team at 1-800-248-0280.

### HATCHES

Drop-Ship Only; Contact the Insulation Team for pricing.

Description	Item #	Size	Price/Each
Bilco Hatch S-20 (Steel) S Series	701800	3' x 2'6"	call for price
Bilco Hatch S-50 (Aluminum) S Series	701801	3' x 2'6"	call for price
Bilco Hatch S-50TB	701803	3' x 2'6"	call for price

## DURO-GUARD INSULATION

### ISO

Duro-Guard ISO II—limited stock in Duro-Last plants

Duro-Guard ISO III CG

Duro-Guard ISO HD

Duro-Guard ISO HD Composite

Duro-Guard ISO Flat – HP

Duro-Guard ISO NB

Duro-Guard ISO Foil

### EPS

Duro-Guard EPS Type I

Duro-Guard EPS Type II

Duro-Guard EPS Type VIII

Duro-Guard EPS Type IX

Duro-Guard EPS Fan Fold

Duro-Guard EPS Fiberglass Facer

Duro-Guard EPS Nail Base

Duro-Guard HD ISO + EPS

Duro-Guard EPS Type I, II, and VIII Flute Filler

Duro-Guard EPS Flute Fill Combo

### DensDeck®

DensDeck® Roof Board

DensDeck® Prime Roof Board

### SECUROCK®

Gypsum-Fiber Roof Board

Glass Mat Roof Board

### DEXcell®

DEXcell® Glass Mat

DEXcell® FA Glass Mat

DEXcell® Cement Roof Board

### Everboard

Everboard Paper-Face

Everboard Fiberglass

### NOTES:

- To Quote or Order Insulation, please contact the Insulation Team at 1.800.248.0280.
- For complete technical information, product data sheets, code compliances and approvals visit [www.duro-last.com/insulation](http://www.duro-last.com/insulation).
- Delivered direct to you from the manufacturer.
- All orders will be rounded up to a full pallet.

## ADDITIONAL ROOF COMPONENTS

### VINYL RIB SYSTEM

Drop-Ship item with a 12 week lead time  
Minimum order quantity-2,000

Description	Item #	Price/Lineal Ft	Price/Lineal Ft	Price/Lineal Ft
		<b>2,000-4,999</b>	<b>5,000-19,999</b>	<b>20,000 +</b>
Duro-Last White	1895	4.64	2.99	2.07
Duro-Last Gray	1896	4.64	2.99	2.07
Duro-Last Tan	1897	4.64	2.99	2.07
Duro-Last Dark Gray	1899	4.64	2.99	2.07
Duro-Last Terra Cotta	1894	4.64	2.99	2.07
DT Light Tan	1887	4.64	2.99	2.07
DT Patina	1889	4.64	2.99	2.07
DT Green	1890	4.64	2.99	2.07
DT Blue	1891	4.64	2.99	2.07
DT Light Gray	1892	4.64	2.99	2.07
DT Charcoal	1893	4.64	2.99	2.07

### KNUCKLEHEAD PIPE STANDS

Description	Item #	Price/Each
KnuckleHead Roof Protection Pad	21368	6.99
KnuckleHead Lite Pipe Support w/ Cap	21369	12.99
KnuckleHead Heavy Pipe Support w/ Strap	21370	14.99
KnuckleHead Strut Support	21371	11.49
KnuckleHead Base 9" Extension Assembly	21372	16.49
KnuckleHead Base 18" Extension Assembly	21373	21.49

### DURO-LAST PROTERM™ WALL TERMINATION

Stocked in Michigan Only

Description	Item #	Price/Each
ProTerm™ 7.2 Panel 3' Section	124011	19.80
ProTerm™ Classic Rib Panel 3' Section	124022	19.80
ProTerm™ PBR Panel 3' Section	124033	19.80

### LADDERANCHOR™

Description	Item #	Price/Each
White w/ 4 Butterfly Corners	1219W	489.49
Tan w/ 4 Butterfly Corners	1219B	489.49
Gray w/ 4 Butterfly Corners	1219G	489.49
Dark Gray w/ 4 Butterfly Corners	1219DG	489.49
White EV w/ 4 Butterfly Corners	1219EV	489.49
White w/ 4 Butterfly Corners & Gutter Ext	2219W	657.99
Tan w/ 4 Butterfly Corners & Gutter Ext	2219B	657.99
Gray w/ 4 Butterfly Corners & Gutter Ext	2219G	657.99
Dark Gray w/ 4 Butterfly Corners & Gutter Ext	2219DG	657.99
White EV w/ 4 Butterfly Corners & Gutter Ext	2219EV	657.99

## TOOLS

### SCREW GUNS AND DRILLS

Description	Item #	Price/Each
Hilti Screw Gun ST-1800	1273	340.99
Hilti TE-7C Rotary, Hammer Drill	1276-007	579.99
<b>Milwaukee M18 FUEL™ 1/4" Hex Impact Driver Kit</b>	<b>12766</b>	<b>320.95</b>
RhinoTrac Tool	1974	4,881.49
RhinoTrac Boot	1974-001	2,769.99
AccuTrac® Tool	1972	2,664.99
AccuTrac® Plates 3" 1000/box	1866	300.00
AccuSeam® Tool	1973	3,436.49
AccuSeam® Boot	1973-001	1,504.99
AccuSeam® Plates 2-3/8" 1000/box	1867	300.00

### DURO-LAST QUICK-PULL™ & GRIPULL PARTS

Description	Item #	Price/Each
Duro-Last Quick-Pull™	18011	467.49
Duro-Last Quick-Pull™ Replacement Cable	18013	17.49
Duro-Last Quick-Pull™ Front Replacement Pad	18015	6.99
Duro-Last Quick-Pull™ Rear Replacement Pad	18014	6.99
GriPull Replacement Cable	1801	22.99
GriPull Extension Pulley	1802	7.49
GriPull Rear Pulley	1803	7.49
GriPull Vise Grip Kit	1786	42.99
GriPull Vise Grip Pliers	1805	40.49
GriPull Vise Grip Locking Nut	1805-001	3.49
GriPull Handle	1806	41.99
GriPull Contact Bracket Set Kit	1785	21.99
GriPull Push Link Assembly Kit	1787	46.49
GriPull Extension Tube Assembly Kit	1788	64.49
GriPull 1/2" E Clip (2 required)	1791	0.99
GriPull 3/8" E Clip (2 required)	1792	1.49
GriPull Handle Pivot Pin	1794	6.99
GriPull Handle Grip	1794-001	4.99
GriPull Rear Pulley Shaft	1795	8.49
GriPull Rear Pulley Spacer	1796	6.99
GriPull 3/8" x 1" Link Pivot Pin w/ 3/16" x 3/4" Cotter Pin	1797	3.49
GriPull Roller Shaft Rollers (2) & 1/2" E-Clips (4)	1798	9.49
GriPull 3/8" x 1 1/2" Extension Pulley Pin w/Cotter Ring 3/4"	1799	3.49
GriPull 15/16" Retaining Ring	1807	3.49
GriPull Cable Guide	1808	6.99
GriPull 3/16" x 1" Spring Pin	1809	0.99
GriPull 3/16" x 1/2" Vise Grip Pin with 3/16 x 3/4" Cotter Pin	1809-001	2.99

**T-EDGE ADVANCED**

**T-EDGE ADVANCED**

("Face" price includes cleat and hook strip. Cleat is required for all sizes.)

Description	Item #	Price/Ft.
2" Face	7320206	12.25
2" Cleat	733020624	5.74
3" Face	7320306	13.04
3" Cleat	733030624	5.97
4" Face	7320606	13.83
4" Cleat	733060624	6.18
5" Face	7320706	14.60
5" Cleat	733070624	6.39
6" Face	7320806	15.39
6" Cleat	733080624	6.60
7" Face	7320906	16.18
7" Cleat	733090624	6.83
8" Face	7321006	16.94
8" Cleat	732100624	7.04
Hook Strip	7340006	6.90

**MISCELLANEOUS EDGE DETAILS**

**EDGE EXTENDER**

Description	Item #	Price/Ft.
3" Face	6400306	2.65
4" Face (Need Cleat)	6400606	2.95
5" Face (Need Cleat)	6400706	3.10
6" Face (Need Cleat)	6400806	3.40
7" Face (Need Cleat)	6400906	3.65
8" Face (Need Cleat)	6401006	3.90
3½" Cleat	693040524	1.65

**DURO-FLASH II**

(10' lengths)

Description	Item #	Price/Ft.
12" White Skirt	64103066601	7.10
12" Tan Skirt	64103066502	7.95
12" Gray Skirt	64103066403	7.95
12" Dark Gray Skirt	64103066304	7.95
Duro-Flash II Custom	64103	*call EM for price

**REGLET**

(10' lengths)

Description	Item #	Price/Ft.
5" One-Piece Reglet	6423606	3.55
5 ¾" Two-Piece Reglet	6423706	7.90

**COUNTER FLASHING**

(10' lengths)

Description	Item #	Price/Ft.
5 ½" Surface Mount Counter Flashing	6433806	3.40

**VINYL COATED METAL**

Description	Item #	Price/Ft.
White 4' x 10' Sheet	1603	186.00
Tan 4' x 10' Sheet	1603B	186.00
Gray 4' x 10' Sheet	1603G	186.00
Dark Gray 4' x 10' Sheet	1603DG	186.00
Light Tan 4' x 10' Sheet	1603LT	186.00
Light Gray 4' x 10' Sheet	1603LG	186.00
Charcoal 4' x 10' Sheet	1603CH	186.00
Midnight Bronze 4' x 10' Sheet	1603MB	186.00

**NOTES:**

- .023" thick (25 sheets per pallet).

**DURO-EDGE**

Description	Item #	Price/Ft.
Duro-Edge White	64408066601	9.30
Duro-Edge Tan	64408066602	10.15
Duro-Edge Gray	64408066603	10.15
Duro-Edge Dark Gray	64408066604	10.15
Duro-Edge Custom	64408	Call EM for pricing