Commercial Roofing Starter Pack User Guide

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Overview

This guide will teach you how to properly use the tools and features found within the Commercial Roofing Starter Pack. It is designed for use with PlanSwift[®] Takeoff and Estimating Software. This guide is not meant to be a step-by-step "walk through" document, although it can be used as a reference for getting the work done. If you encounter technical difficulty, consult this guide (including the <u>FAQ</u> section of this user manual) or contact the technical support department at:

PlanSwift[®] Technical Support support@PlanSwift.com 1-888-752-6794 ext. 2

PlanSwift also offers additional training. For training options, contact the training department at:

PlanSwift[®] Training Department <u>training@PlanSwift.com</u>

1-888-752-6794 ext. 4

Purchasing and Installation

Purchasing Plugins

If you need to purchase PlanSwift or a plugin product, contact the Sales Department at:

PlanSwift[®] Sales sales@PlanSwift.com 1-888-752-6794 Ext. 1

Installation and Uninstallation

Installing and uninstalling plugins and starter packs is simple. For installing them, click on the Import Plugin Package icon (arrow 1 in Figure 1) from the PlanSwift Main Ribbon-bar **Plugin** tab (arrow 3 of Figure 1) and follow the prompts from there. For uninstalling, click on the Uninstall Plugin (arrow 2 in Figure 1) and follow those prompts.



Figure 1

Features

The Commercial Roofing Starter Pack includes <u>Commercial Roof Assemblies</u> and <u>Commercial Roof Parts</u> found in the Templates tab of PlanSwift. These are listed in the <u>Compendium</u> at the end of this guide. With these commercial roof assemblies and parts, PlanSwift users can easily customize assemblies and parts for later use. Starter Packs contain a large library of prebuilt templates, parts and assemblies. Modifying the library of parts and assemblies for any Starter Pack allows users the ability to customize their Templates to their specific needs. Users will save countless hours of setup by utilizing a Starter Pack as their starting point for building custom parts and assemblies. The instructions below will guide new users through the basics of modifying parts and assemblies. We highly recommend purchasing a training package for accelerated learning and faster customization.

How To

How to: Copy and Paste an Assembly

The purpose of copying and pasting an assembly is to allow the user to copy and then modify the assembly for later use. As an example, you may want two different assemblies: one might include a part, and another might have an alternative part or not include that part at all. By copying one assembly and then modifying and renaming the copy (for easy identification), you can have two different assemblies available, allowing for easier and faster takeoffs. Figure 2 shows the **Templates Tab** (arrow 1) and the **Area Takeoff Item Example 1** assembly (arrow 2). If you want to add another assembly but with no **Material 3**, then you would click on the assembly you want to copy (arrow 2), click on **Copy** (arrow 3), and then click on **Paste** (arrow 4).

	1				
Home Page Tools View Estimating Li	sts Templates Settings Reports	Help Plugins Search Undo	PlanSwift Professiona	al 10.2 - 3	Plan _ □
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Name Top Level Folder Example 1 Advanced Assemblies Area Assembly 1	Description	Price Each Color		Ho	v To Examples
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Material 1	Description 1	0			Area Assembly 1
Material 2	Description 2	0			🖶 🗐 Area Takeoff Item Exam
- January Material 3	Description 3	0			
Material 4	Description 3	0			🎯 Material 2
Material 5	Description 1	0			Material 3
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🗄 👘 Area Takeoff Item Example 2		13.2			Material 5
Material 6	Description 1A	0			Area Takeoff Item Exam
Material 7	Description 1B	0			Waterial 6
Material 8	Description 1C	0			Material 7
Labor 2		0			Material 8
🖻 📪 Area Takeoff Item Example 3		0			
Material 10	Description 2A	0			😑 📪 Area Takeoff Item Exam

Figure 2

Figure 3 shows the original (arrows 1) and new **Area Takeoff Item Example 1** assembly (arrow 2). To delete the **Material 3** (arrow 3) from the newly created **Area Takeoff Item Example 1** assembly (arrow 2), click on **Material 3** (arrow 3), click on **Delete** (arrow 4), and click on **OK** in the popup window to confirm the deletion.

Home Page Tools View Estimating Li	sts Templates Settings Reports	Help Ply Search Ur
	ew New New New from unt * Assembly * Part * Type * Ter	Delete Columns New Form Tab Layou
🗟 Sample Templates 🌍 Sample Parts 📦 Sample A	ssemblies How To Examples	
Name Top Level Folder Example 1	Description	Price Each Color
Area Assembly 1		0
Material 1 Material 2	Description 1 Description 2	0
Material 3 Material 4 Material 5	Description 3 Description 3 Description 1	0
Labor 1		0
Material 1 Material 2 Material 2	Description 1 Description 2 Description 2	0
Material 3 Material 4 Material 5	Description 3 Description 3 Description 1	0
Labor 1 3		0 13.2
Material 6	Description 1A	0

Figure 3

Figure 4 now shows the two assemblies, one with (arrow 1) and one without (arrow 2) the **Material 3** item. You can now change the description of the duplicated **Area Takeoff Item Example 1** (arrow 3) without the **Material 3** item by double-clicking the duplicate **Area Takeoff Item Example 1** (arrow 3).

Home Page Tools View Es	timating Lists Templates	Settings Reports	Help Plugins	Search
New New New New	New New New gment * Count * Assembly *		Delete Col	umns New Form Tab Layou
🗟 Sample Templates 🌔 Sample Parts	🗊 Sample Assemblies How	To Examples		
Name	Description		Price Each	Color
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Advanced Assemblies				
🖨 🧰 Area Assembly 1				
🖃 👘 Area Takeoff Item Example	1		0	
Material 1	Description 1		0	
Material 2	Description 2		0	
Material 3 🚽	Description 3		C	
Material 4	Description 3		0	
Material 5	Description 1		0	
			C	
🖃 👘 Area Takeoff Item Example	1 - 3		0	
😂 Material 1	cription 1		C	
Material 2	2 Description 2 Description 3		0	
Material 4	Description 3		0	
Material 5	Description 1		0	
			0	

Figure 4

This opens the **Properties – [Area Takeoff Item Example 1]** window (Figure 5) where you can change the assembly's name to something like **Area Takeoff Item Example 1**—**No Material 3** to make it easier to identify.

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🗟 Sample Templates 📦 Sample Parts	nple Assemblies How To Examples		Templates	*
Name	Description Price E	ich Color	▲ # # № 10 0 0	
Top Level Folder Example 1 Advanced Assemblies			How To Examples	~
Area Assembly 1 Area Takeoff Item Example 1 Material 1	Properties - [Area Takeoff Item Example 1]	e Name Here	Top Level Folder Example 1 On Advanced Assemblies On Advanced Assemblies On Area Assembly 1	
Material 2 Material 3 Material 4	Name Area Takeoff Item Example 1	- Name Here	Material 2	
Material 5	Description Exposure Panel		Material 3 Material 4 Material 5	
Area Takeoff Item Example 1 Material 1 Material 2	8 IN 12.3 Purchased by the	▼ FT ▼	Labor 1 ⊕ ♀ Area Takeoff Item Example 1	_
Material 4 Material 5 Labor 1	Square Thickness Siding .042 IN Clapb		G 🕼 Area Takeoff Item Example 2 Material 6 Material 7	
		au 🔻	Material 8	

Figure 5

Click on **Ok** in the **Properties** window after you have entered the name. Figure 6 shows the new name.

Home Page Tools View Estimating List	s Templates Settings Reports	Help Plugins Search Undo	PlanSwift Professional 10.2 - Sample Plan – 📼
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🔂 Sample Templates 🌍 Sample Parts 📦 Sample As	semblies How To Examples		Templates
Name	Description	Price Each Color	
Top Level Folder Example 1 Advanced Assemblies			How To Examples
Area Assembly 1			Top Level Folder Example 1
Area Takeoff Item Example 1		0	Advanced Assemblies
	Description 1	0	🛱 🧰 Area Assembly 1
Material 2	Description 2	0	Area Takeoff Item Example 1
Material 3	Description 3	0	Material 1
Material 4	Description 3	0	Material 2
Material 5	Description 1	0	map Material 3
Abor 1		0	Material 4
Area Takeoff Item Example 1 - No Material 3		0	····· 💷 Material 5
	Description 1		Labor 1
Material 1	Description 1	0	Area Takeoff Item Example 1 - No Material 3
i i i Material 2	Description 2	<u> </u>	

Figure 6

To perform a takeoff with the **Area Takeoff Item Example 1—No Material 3** assembly, go to the takeoff page, click on the green **Record Button** (see the arrow in Figure 7) in the **Templates** sidebar window, and then proceed to do your takeoff.

Templates	»>
* 2 🔄 🗟 🖨 🖨	
How To Examples	·
🖃 🧰 Top Level Folder Example 1	•
🛱 🗀 Advanced Assemblies	
🕀 🧰 Area Assembly 1	
📮 👘 Area Takeoff Item Example 1 🛛 🗖	
💴 鎁 Material 2	
Material 3	
Material 4	
Material 5	
Labor 1	
Area Takeoff Item Example 1 - No Material 3	
Material 5	
Labor 1	
🖻 🖣 Area Takeoff Item Example 2	

Figure 7

Disclaimer

Any modifications that a user makes to a Starter Pack should always be tested and verified by that user to ensure quantities and calculations are accurate. PlanSwift cannot verify the accuracy of modifications made to templates, parts and assemblies by the user.

How to: Copy and Paste Parts

Copying and pasting parts is handled similarly to copying and pasting an assembly. If, for instance, you want to move **Material 6** in **Area Takeoff Item Example 2** to **Area Takeoff Item Example 1**, click on **Material 6** (arrow 1), then click on copy (arrow 2) as shown in Figure 8.

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Name			Description	Price Each Color	
E C Top Le	vel Fo	older Example 1			
E 🔂 Ad	vance	ed Assemblies			How To Examples
66	Area	Assembly 1			Grant Contract C
Ē.		Area Takeoff Item Example 1		0	Advanced Assemblies
	-	Material 1	Description 1	0	🕂 🧰 Area Assembly 1
		Material 2	Description 2	0	🕀 👘 Area Takeoff Item Example 1
	ļ	Material 3	Description 3	0	Section 1
		Material 4	Description 3	0	S Material 2
		Material 5	Description 1	0	Material 3
	L	A Labor 1		0	🥯 Material 4
	- 🗰 🖡	Area Takeoff Item Example 1 - No Material	3	0	
		Material 1	Description 1	0	Jabor 1
		Material 2	Description 2	0	🖻 🛄 Area Takeoff Item Example 1 - No Material 3
		Material 4	Description 3	0	Sector Material 1
		Material 5	Description 1	0	Material 2
	. L.,	P Labor 1		0	
	- co 🖡	Area Takeoff Item example 2		13.2	Material 5 Material 5
		Material 6	Description 1A	0	→ → → → → → → → → → → → → → → → → → →
		Material 7	Description 1B	0	Area Takeoff Item Example 2
		Material 8	Description 1C	0	Material 0

Figure 8

There are now two ways to paste the part. The first is to paste it at the same hierarchical level of a selected item, and the second is to paste it as a sub-item of a selected item. Figure 9 shows the **Paste** button. Clicking on the top half of the button pastes the part at the same hierarchical level of a selected item. Clicking on the drop-down half of the button, then selecting **As Sub-Item** pastes the part as a sub-item of the selected item.

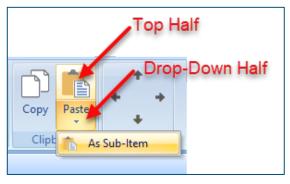


Figure 9

Click on **Area Takeoff Item Example 1**, then click on the top half of **Paste**. As shown in Figure 10, **Material 6** gets pasted at the same hierarchical level as **Area Takeoff Item Example 1**.

Home Page	Tools V	/iew Es	timating	Lists	Templates
	New Ne Area * Line		New gment *	New Count *	New Assembly *
Sample Template	es 🜔 Sam	ple Parts	🎁 Sam	ple Asser	nblies How To
Name				De	scription
🖃 🛅 Top Level Folder	Example 1				
🖹 🛅 Advanced A	ssemblies				
🖨 🛅 Area Ass	sembly 1				
🖃 🛄 Area	Takeoff Item	Example 1	L		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Material 1			De	scription 1
	Material 2			De	scription 2
/ j	Material 3			De	scription 3
N 19 1	Material 4			De	scription 3
	Material 5			De	scription 1
	.abor 1 🏑				-
🜍 Mate	erial 6			De	scription 1A
🖃 🛑 Area	Takeoff Item	Example 1	1		
	Material 1			De	scription 1

Figure 10

If you had selected the drop-down half of the **Paste** button, then **Material 6** would be a sub-item of **Area Takeoff Item Example 1**. Figure 11 shows **Material 6** as a sub-item.

Home Pa	ige Tools	s View	Estimating	Lists	Template	s
New New Folder * Item *	New Area *	New Linear	New Segment *	New Count	New Assemb	
Sample Temp	lates 🧊	Sample Pa	arts 🎁 San	nple Asser	nblies Ho	w
Name				De	scription	
🖃 🛅 Top Level Fo	older Exampl	e 1				
🗄 🛅 Advance	ed Assemblie	s				
🖹 🧰 Area	Assembly 1					
ė 🍙	Area Takeof	f Item Exan	nple 1			
-	Material	1		De	scription 1	
	Material	2		De	scription 2	
	Material	3		De	scription 3	
	Material	4		De	scription 3	
	Material	5 🥖		De	scription 1	
	Labor 1					
	Material	6		De	scription 1A	
🖻 🗇 🕞	Area Takeof	f Item Exan	nple 1			
	Material	1	-	De	scription 1	

Figure 11

Another way to adjust the hierarchy of an item, such as **Material 6**, is to use the Main Ribbon bar arrow **Adjust** keys (Figure 12).



Figure 12

The left and right **Adjust** arrows move the item left and right (up or down) in the hierarchy, and the up and down **Adjust** arrows keys moves the item higher and lower in the list of items.

A shortcut to the **Copy** and **Paste** and **Past as Sub-Item** selections is available with a right-click menu. Figure 13 shows the **Copy, Paste**, and **Paste As Sub-Item** options on the right-click menu when **Material 6** is right-clicked on.

Material S	Description 1
Jabor 1	
Material 6	Description 1A
🖻 👘 🗛 Area Takeoff Item E	Properties
- Material 1	Delete L
Material 2	Reload
Material 4	Sort By Name
Material 5	l
Labor 1	Сору 🥌
🖃 🛄 🗛 Area Takeoff Item E	Paste 🗕
Material 7	Paste As Sub-Item
Material 8	IC
Labor 2	Columns
🖻 🛄 Area Takeoff Item E	
Material 10	Fill Down
Material 11	Fill With 28
Labor 3	Fill Sequence
Area Assembly 2	

Figure 13

Double-clicking on **Material 6** allows you to change the name of the item and alter other properties of the item (Figure 14). To change the name of **Material 6**, double-click on the **Material 6** name, type the new name, and click on **Ok**.

Jabor 1			0	
🖉 Material 6 🔪	Description 1A		0	
🖹 🛄 Area Takeoff Item Example 1			0	
Material 1	Properties - [Material 6]			×
Material 2	Name	Value	Units	
Material 4	Material 6		I	
Material 5	Waste %	0	%	
Labor 1	Markup %	10.00	%	
Material 7	Description	Description 1A		
Material 8			'	
Labor 2	Input Advanced	Form		Ok Cancel
🖻 👘 Area Takeoff Item Example 3			U	
Material 10	Description 2A		0	

Figure 14

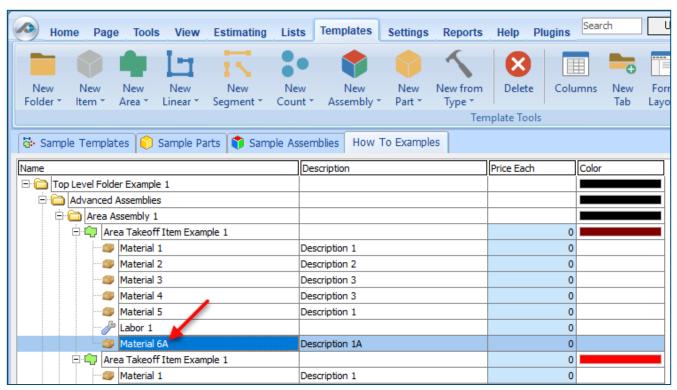


Figure 15 shows Material 6 renamed to Material 6A.

Figure 15

Disclaimer

Any modifications that a user makes to a Starter Pack should always be tested and verified by that user to ensure quantities and calculations are accurate. PlanSwift cannot verify the accuracy of modifications made to templates, parts and assemblies by the user.

How to: Drag and Drop Parts

Parts may be dragged and dropped from one assembly to another assembly. If, for instance, you want to drag the **Material 8** item from **Area Takeoff Item Example 2** up to **Area Takeoff Item Example 1**, click on **Material 8** and drag it up to just below **Material 6A** (see Figure 16) and release the mouse button.

Home Page Tools View Estimating Lis	ts Templates Settings Reports	Help Plugins Search
New New New New New New New New Tolder * Item * Area * Linear * Segment * Cou	· · · · · ·	Delete Columns New For Tab Lay
🗟 Sample Templates 📦 Sample Parts 📦 Sample A	ssemblies How To Examples	
Name	Description	Price Each Color
🖃 🧰 Top Level Folder Example 1		
Advanced Assemblies		
🛱 🧰 Area Assembly 1		
🖃 👘 Area Takeoff Item Example 1		0
Material 1	Description 1	0
Material 2	Description 2	0
Material 3	Description 3	0
Material 4	Description 3	0
Material 5	Description 1	0
Labor 1		0
Material 6A	Description 1A	0
Material 8	Description 1C	0
Area Takeoff Item Example 1	Description 1	0
Material 1	Description 1	0
Material 2	Description 2 Description 3	0
Material 5	Description 3	0
Labor 1		0
Area Takeoff Item Example 2		13.2
Material 7	Description 1B	0
Labor 2		0
		- ·

Figure 16

Notice that dragging the part this way *moves* the part from the **Example 2** assembly to the **Example 1** assembly, *not* leaving behind a copy.

The **Templates** sidebar window is a summarized view of everything in the Templates Tab. It is designed for easily dragging and dropping parts and for quickly launching takeoff templates and assemblies.

Parts may be dragged over from the **Templates** sidebar window into the **Templates Tab** window; note that dragging any part from the **Templates** sidebar window makes a copy of it. If, for instance, you want a **Material 7** item added to **Area Takeoff Item Example 1** as a sub-item, simply drag the **Material 7** from the right **Templates** sidebar window over on top of **Area Takeoff Item Example 1** label and release the mouse button. (Figure 17).

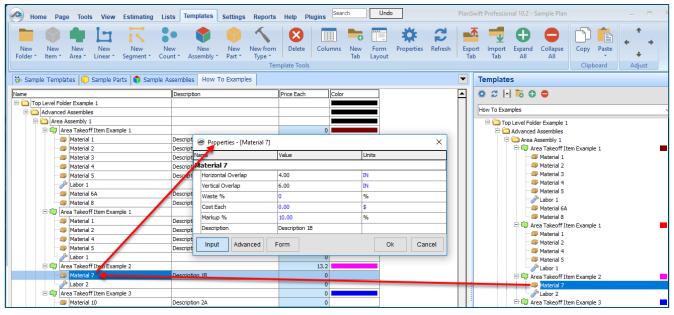




Figure 17 shows the **Material 7** item in place after it was dropped on top of **Area Takeoff Item Example 1.** In addition, the **Properties – [Material 7]** window automatically opens, allowing the user to change any properties for **Material 7**. Click on **Ok** to close the **Properties – [Material 7]** window.

Disclaimer

Any modifications that a user makes to a Starter Pack should always be tested and verified by that user to ensure quantities and calculations are accurate. PlanSwift cannot verify the accuracy of modifications made to templates, parts and assemblies by the user.

FAQ

Question: I've read this user guide, and I still have questions. What do I do?

Answer: PlanSwift recommends that you purchase a training package. We highly recommend new users purchase a training package, because training is customized to each user. We offer <u>one-on-one training</u> and <u>classroom training</u>. Contact <u>training@PlanSwift.com</u> or at 1-888-752-6794 Ext. 4.

Question: Does the Starter Pack include everything a contractor will need to generate an estimate?

Answer: No. A Starter Pack is a tool to get you started toward creating a complete estimate. For example, the Starter Pack does not include industry pricing for materials and labor. However, you can supply prices for materials and labor on the assemblies and labor included in the Starter Pack.

Question: Do I have to input all the pricing for all my parts?

Answer: Inputting pricing is optional. You can use the Starter Pack to generate quantities that you can then send to your supplier, who can then provide you current pricing. Inputting pricing on your own is optional. If your industry's pricing is not subject to frequent changes, you may want to consider inputting your pricing in PlanSwift.

Compendium

Commercial Roof Assemblies

		Description	Division	Type	Co
TPO Sing	gle-Ply Roofing	Thermoplastic Polyolefin	12	Folder	
Asse	mblies			Folder	
	TPO MF System	Mechanically Fastened		Area	
	TPO Reinf. 45 Mil Mem.	10' x 100' Roll		Material	
	6* Seam Tape	100' Roll		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2* Plates	Galvalume-Coated Steel, 1000/Box		Material	
	Insulation Mech. Fastened	4' x 4' Sheets		Material	
	4* Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2* Plates	Galvalume-Coated Steel, 1000/Box		Material	
	Vapor Barrier	3.75' x 134' Roll		Material	
	Jabor Labor	Priced per SQ FT		Labor	
00	TPO FA System	Fully Adhered		Area	
8	TPO Reinf. 45 Mil Mem.	10' x 100' Roll		Material	
	6" Seam Tape	100' Roll		Material	
	TPO Water Based Membrane Adh.	5 Gal. Container, Covers 750 SQ FT		Material	
	Insulation Mech. Fastened	4' x 4' Sheets		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2* Plates	Galvalume-Coated Steel, 1000/Box		Material	
	Vapor Barrier	3.75' x 134' Roll		Material	
-	Jabor Labor	Priced per SQ FT		Labor	
00	TPO MF System w/ Cover Board	Mechanically Fastened		Area	
	TPO Reinf. 45 Mil Mem.	10' x 100' Roll		Material	
	6" Seam Tape	100' Roll		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2" Plates	Galvalume-Coated Steel, 12" O.C. Spacing, 1000 per Box		Material	
-	Cover Board	4' x 8' Sheets		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2" Plates	Galvalume-Coated Steel, 1000/Box		Material	
-	Insulation Mech. Fastened	4 x 4 Sheets		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2" Plates	Galvalume-Coated Steel, 1000/Box		Material	
	Vapor Barrier	3.75' x 134' Roll		Material	
1. 1.	Jabor	Priced per SQ FT		Labor	

lame			Description	Division	Type	Colo
E	9-00	TPO FA System w/ Cover Board	Fully Adhered		Area	
		TPO Reinf, 45 Mil Mem.	10' x 100' Roll w/ 6" Overlap		Material	
		6" Seam Tape	100' Roll		Material	
		TPO Water Based Membrane Adh.	5 Gal. Container, Covers 750 SQ FT		Material	
		Cover Board	4' x 8' Sheets		Material	
		4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
		2" Plates	Galvalume-Coated Steel, 1000/Box		Material	
	8	Insulation Mech. Fastened	4' x 4' Sheets		Material	
		4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
		2" Plates	Galvalume-Coated Steel, 1000/Box		Material	
		Vapor Barrier	3.75' x 134' Roll		Material	
		Jabor Labor	Priced per SQ FT		Labor	
E	11	TPO Wall Flashing			Linear	
		TPO 45 Mil	10' x 100' Roll		Material	
		TPO/EPDM LVOC Adhesive	LVOC, 5 Gal. Container		Material	
		Sloped Metal Coping	12' Lengths		Material	
		Jabor Labor	Priced per SQ FT		Labor	
E	11	TPO 10" Flashing			Linear	
		10" TPO Flashing	100' Roll		Material	
		Abor Labor	Priced per FT		Labor	
E		TPO Pipe Boot			Count	
		TPO Pipe Boot			Material	
		Jabor Labor	Priced Each		Labor	
E		TPO Turbine Vent			Count	
		Turbine Vent			Material	
	1	Jabor Labor	Priced Each		Labor	
E C	Bas	sic Takeoff			Folder	
	-	TPO System			Area	
	1-1	TPO Flashing			Linear	
	1-1	TPO Wall Flashing			Linear	
		TPO Drains			Count	
		TPO Pipe Boots			Count	
		TPO Extrusions			Count	

ame			Description	Division	Type	Cok
PVC Sir	ngle	Ply Roofing	Polyvinyl Chloride		Folder	
E 🗀 As	semb	blies			Folder	
8 🗘	PW	C MF System	Mechanically Fastened		Area	
e		PVC Reinf. 50 Mil Mem.	10' x 100' Roll		Material	
	÷	4" Fasteners	#3 Phillips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
		2" Plates	Galvalume-Coated Steel, 12 O.C. Spacing, 1000 per Box		Material	
ė		Cover Board MF	4' x 8' Sheets		Material	
	+	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
		2" Plates	Galvalume-Coated Steel, 1000/Box		Material	
		Vapor Barrier	3.75' x 134' Roll		Material	
		Insulation Loose Laid	4' x 4' Sheets		Material	1
	P	Labor	Priced per SQ FT		Labor	
0.00	PW	C FA System	Fully Adhered		Area	
	-	PVC Poly Fleece Backed 50 Mil Mem.	10' x 100' Roll		Material	
		PVC Low-VOC Adhesive	PVC Low-VOC, 5 Gal. Container, Covers 250 SQ FT		Material	
		Insulation Adhered	4' x 4' Sheets		Material	
	1_	2-Part Urethane Adhesive	5 Gal. Container		Material	
		Vapor Barrier	3.75' x 134' Roll		Material	
	P	Labor	Priced per SQ FT		Labor	
BIT	PW	C Wall Flashing FA	Fully Adhered		Linear	
		PVC 60 Mil	10' x 100' Roll		Material	
		Sloped Metal Coping	12' Lengths		Material	
		PVC Water Based Membrane Adh.	5 Gal. Container, Covers 550 SQ FT		Material	
	P	Labor	Price per SQ FT		Labor	
BIT	PW	C Curb Flashing	Fully Adhered		Linear	
	_	PVC 60 Mil	10' x 100' Roll		Material	
		PVC Water Based Membrane Adh.	5 Gal. Container, Covers 550 SQ FT		Material	
	P	Labor	Priced per SQ FT		Labor	
B	PW	C Pipe Boot			Count	
-	-	PVC Pipe Boot	٥ 		Material	
	P	Labor			Labor	
🗄 🧰 Bas	sic T	akeoff			Folder	
	PW	C System			Area	
In In	PW	C Flashing			Linear	
17	PW	C Wall Flashing			Linear	
	PW	C Drains		1	Count	
	PW	C Pipe Boots			Count	
L	PW	C Extrusions			Count	

Name			Description	Division	Type	Color
EP	DM Si	ngle Ply Roofing	Ethylene Propylene Diene Monomer		Folder	
0	Asse	emblies			Folder	
1 1 1	the second	EPDM FA System	Fully Adhered		Area	
		EPDM Non-Reinf, 60 Mil Mem.	10' x 100' Roll		Material	
		Seam Tape	100' Roll		Material	1
		EPDM Adhesive	Water Based, 5 Gal. Container, Covers 120 Sq Ft		Material	-
	÷.	Insulation Mech. Fastened	4 x 4 Sheets		Material	
		4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
		2" Plates	Galvalume-Coated Steel, 1000 per Box		Material	-
		Vapor Barrier	3.75' x 134' Rol		Material	-
	L.,	Je Labor			Labor	-
		EPDM MF System	Mechanically Fastened		Area	
	1.1	EPDM Reinf, 60 Mil Mem,	10' x 100' Roll	-	Material	-
		Seam Tape	100' Roll	-	Material	+
		4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box	-	Material	-
		2" Plates	Galvalume-Coated Steel, 12 O.C. Spacing, per Box	-	Material	-
	-	Cover Board	4' x 8' Sheets		Material	1
	1	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	-
		2" Plates	Galvalume-Coated Steel, 1000/Pail		Material	+
	-	Insulation Mech. Fastened	4' x 4' Sheets	-	Material	+
	T	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail	-	Material	+
		2" Plates	Galvalume-Coated Steel, 1000/Pail		Material	-
		Vapor Barrier	3.75' x 134' Roll	-	Material	+
		Jabor		-	Labor	+
		EPDM BA System	Ballasted	-	Area	
T	1.1	EPDM Non-Reinf, 60 Mil Mem.	10' x 100' Roll	-	Material	-
	T	Seam Tape	100' Roll	-	Material	-
	- H-	Insulation Mech. Fastened	4 x 4 Sheets	-	Material	+
	1	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box	-	Material	+
		2" Plates	Galvalume-Coated Steel, 1000 per Box	-	Material	+
		Stone	Garvaume-coated steel, 1000 per box		Material	+
		Vapor Barrier	3.75' x 134' Rol	-	Material	+
			3.75 X 134 R08	-		+
	1.	Labor		-	Labor	-
T	14	EPDM Curb Flashing	10/ × 100/ D.el	-	Linear	-
		EPDM NR 60 Mil	10' x 100' Roll	-	Material	+-
		EPDM Water Based Membrane Adh	5 Gal. Container, Covers 750 SQ FT	-	Material	+
	1.	Labor		-	Labor	-
1	11	EPDM Wall Flashing FA	10/ ~ 100/ 0-8	-	Linear	-
		EPDM NR 60 Mil	10' x 100' Roll	-	Material	-
		EPDM Water Based Membrane Adh	5 Gal. Container, Covers 750 SQ FT	-	Material	+
		Labor		-	Labor	
	••	EPDM Pipe Boot		-	Count	-
		EPDM Pipe Boot			Material	-
10		Labor			Labor	-
	-				Folder	
		EPDM System		-	Area	_
		EPDM Flashing		-	Linear	
1 1		EPDM Wall Flashing		-	Linear	_
1	1.1	EPDM Drains			Count	
		EPDM Pipe Boots			Count	
		EPDM Extrusions			Count	

ne		Description	Division	Type	Cold
BUR Multi	-Ply Roofing	Built Up Roofing		Folder	
E C Asser	mblies			Folder	
B- 👘 B	UR Three-Ply			Area	
	Cap Sheet	Coverage: 100 SQ FT per Roll		Material	
	Ply Sheet	Coverage: 300 SQ FT per Roll		Material	
	Base Sheet	Coverage: 300 SQ FT per Roll		Material	
	Type III Asphalt	Coverage: 25 lbs/100 Sq Ft, 100 lb Cartons		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2" Metal Plates	Metal Plates, 1000/Box		Material	
	Insulation MF	4' x 4' Sheet(s)		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	
	2" Plates	Galvalume-Coated Steel, 1000/Pail		Material	
	Cover Board MF	4' x 8' Sheet(s)		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	
	2" Plates	Galvalume-Coated Steel, 1000/Pail		Material	
	³⁴ Labor	Priced per SQ FT		Labor	
🕀 👘 🖯	UR Four-Ply			Area	
	Cap Sheet	Coverage: 100 SQ FT per Roll		Material	
	Ply Sheet	Coverage: 300 SQ FT per Roll		Material	
	Base Sheet	Coverage: 300 SQ FT per Roll		Material	
	Type III Asphalt	Coverage: 25 lbs/100 Sq Ft, 100 lb Cartons		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2" Metal Plates	Metal Plates, 1000/Box		Material	
ė	Insulation MF	4 x 4 Sheet(s)		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	
	2" Plates	Galvalume-Coated Steel, 1000/Pail		Material	
	Cover Board MF	4' x 8' Sheet(s)		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	
	2" Plates	Galvalume-Coated Steel, 1000/Pail		Material	
-1	Labor	Priced per SQ FT		Labor	
🖯 🔾 🖪	UR Five-Ply			Area	
-	Cap Sheet	Coverage: 100 SQ FT per Roll		Material	
	Ply Sheet	Coverage: 300 SQ FT per Roll		Material	
	Base Sheet	Coverage: 300 SQ FT per Roll		Material	
	Type III Asphalt	Coverage: 25 lbs/100 Sq Ft, 100 lb Cartons		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2" Metal Plates	Metal Plates, 1000/Box		Material	
	Insulation MF	4' x 4' Sheet(s)		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	
	2" Plates	Galvalume-Coated Steel, 1000/Pail		Material	
	Cover Board MF	4 x 8' Sheet(s)		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	
	2" Plates	Galvalume-Coated Steel, 1000/Pail		Material	
	Labor	Priced per SQ FT		Labor	-

		Description	Division	Туре	Colo
0.0	BUR Five-Ply			Area	
	Cap Sheet	Coverage: 100 SQ FT per Roll	-	Material	
	Ply Sheet	Coverage: 300 SQ FT per Roll		Material	
	Base Sheet	Coverage: 300 SQ FT per Roll		Material	
	Type III Asphalt	Coverage: 25 lbs/100 Sq Ft, 100 lb Cartons		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	1
	2" Metal Plates	Metal Plates, 1000/Box		Material	
ė	Insulation MF	4' x 4' Sheet(s)		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	
	2" Plates	Galvalume-Coated Steel, 1000/Pail		Material	-
Ė	Cover Board MF	4' x 8' Sheet(s)		Material	-
	4* Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	-
	2" Plates	Galvalume-Coated Steel, 1000/Pail	-	Material	+
	Labor	Priced per SQ FT		Labor	+
B-1-	BUR Fascia Edge Flashing			Linear	
TT	12" Flashing Membrane	12" X 50' Roll		Material	1
	Tapered Edge Strip	10' Lengths		Material	+
	Metal Fascia	12' Lengths	-	Material	-
	Metal Water Dam	12' Lengths		Material	+-
	1" Roof Nais	1 Row(s) at 6" O.C. Spacing, 5000 per Box	-	Material	+-
	Labor	Priced per FT	-	Labor	+-
- I	Plant data and a second s	Filced per Fi	-	Linear	
	BUR Parapet Wall Base Flashing	3' x 50' Roll Size, 1 Layer(s)	-		-
	and the second se			Material	+-
	Cap Flashing	3' x 50' Roll Size, 1 Layer(s)		Material	-
	Cant Strip	10' Lengths		Material	-
	Fasteners	12" O.C. Spacing, 1 Row(s), 5000 per Box	-	Material	-
	Flashing Cement	20 SQ FT/GAL		Material	-
	Asphalt Primer	100 SQ FT/GAL, 1 Coat(s)		Material	-
1.	Jabor Labor	Priced per SQ FT		Labor	
	BUR Flat Edge Flashing		-	Linear	
	Cap Flashing	24" x 50' Roll		Material	-
	Base Flashing	24" x 50' Roll		Material	-
	4" Metal Roof Edge	8' Lengths		Material	_
	4* Joint Cover	8' O.C. Spacing	_	Material	_
	Fasteners	12" O.C. Spacing, 1 Row(s), 5000 per Box		Material	_
	/ Labor	Priced per FT		Labor	-
₿-	BUR Drain			Count	
	Strainer			Material	
	Clamp Ring			Material	
	Deck Ring			Material	
	Lead Flashing	3' x 3' Sheet(s)		Material	
	Flashing Cement	100 SQ FT/GAL		Material	
1	/ Labor	Priced Each		Labor	
🖻 🚞 Ba	asic Takeoff			Folder	
- 5	BUR System			Area	
1-1	BUR Flashing			Linear	
	BUR Wall Flashing			Linear	
	BUR Drains			Count	
	BUR Pipe Boots			Count	
-	BUR Extrusions		1	Count	

2		Description	Division	Туре	Colo
SBS Multi	i-Ply Roofing	Styrene Butadiene Styrene		Folder	
Asse	mblies			Folder	
BOS	SBS Two-Ply CA	Cold Applied		Area	
	Cap Sheet	100 SQ FT/Roll(s)		Material	-
	Base Sheet	145 SQ FT Roll(s), 1 Layer(s)		Material	-
	Cold Application Adhesive	Water Based, 5 Gal. Container, Covers 50 SQ FT		Material	-
	Cover Board	4' x 8' Sheet(s)		Material	+
	Insulation Mech, Fastened	4' x 4' Sheet		Material	+
T	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	+-
	2* Plates	Galvalume-Coated Steel, 1000/Box(s)		Material	+
	Labor			Labor	+
		Priced per SQ FT			-
	SBS Three-Ply CA	Cold Applied		Area	-
	Cap Sheet	95.8 SQ FT/Roll(s)		Material	-
	Interm. Ply	100 SQ FT/Roll(s)		Material	
	Base Sheet	145 SQ FT/Roll(s)		Material	_
	Cold Application Adhesive	Water Based, 5 Gal. Container, Covers 50 SQ FT		Material	_
	Cover Board	4' x 8' Sheets		Material	-
	Insulation Mech. Fastened	4' x 4' Sheet(s)		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail(s)		Material	
	2" Plates	Galvalume-Coated Steel, 1000/Pail		Material	
	Jabor Labor	Priced per SQ FT	-	Labor	
0 1-1 S	SBS Fascia Edge Flashing			Linear	
	12" Flashing Membrane	12" X 50' Roll		Material	-
	Tapered Edge Strip	10' Lengths		Material	-
	Metal Fascia	12' Lengths		Material	-
	Metal Water Dam	12' Lengths		Material	+
	1" Roof Nails	1 Row(s) at 6" O.C. Spacing, 5000 per Box		Material	+
	P Labor	Priced per FT	-	Labor	+
		Friced per Fri		Linear	
C LI B	Base Flashing	2' v 50' Dell Gran 1 Lawar(a)			-
		3' x 50' Roll Size, 1 Layer(s)		Material	+
	Cap Flashing	3' x 50' Roll Size, 1 Layer(s)		Material	-
	Flashing Cement	20 SQ FT/GAL		Material	-
	Cant Strip	10' Lengths		Material	-
	Fasteners	12" O.C. Spacing, 1 Row(s), 5000 per Box		Material	
	Asphalt Primer	100 SQ FT/GAL, 1 Coat(s)		Material	_
	/ Labor	Priced per SQ FT		Labor	_
P 13	SBS Flat Edge Flashing			Linear	
	Cap Flashing	24" x 50' Roll		Material	
	Base Flashing	24" x 50' Roll		Material	
	4" Metal Roof Edge	8' Lengths		Material	
	4" Joint Cover	8' O.C. Spacing	-	Material	
	Fasteners	12" O.C. Spacing, 1 Row(s), 5000 per Box	_	Material	
	Jabor Labor	Priced per FT		Labor	
B				Count	
	Strainer			Material	-
	Clamp Ring			Material	+
	Deck Ring			Material	-
	Lead Flashing	3' x 3' Sheet(s)		Material	+-
	Flashing Cement			Material	+-
	Flashing Cement Labor	100 SQ FT/GAL			
	and a second	Priced Each		Labor	-
· · · ·				Folder	-
	SBS System			Area	
	SBS Flashing			Linear	_
	SBS Wall Flashing			Linear	
• 5	SBS Drains			Count	
• 5	SBS Pipe Boots			Count	
	SBS Extrusions			Count	

lame		Description	Division	Type	Colo
APP Mult	i-Ply Roofing	Atactic Polypropylene		Folder	
E C Asse	mblies			Folder	
B-00/	APP Three-Ply			Area	
	Cap Sheet	95.8 SQ FT/Roll		Material	
	Interm, Sheet	145 SQ FT/Roll	-	Material	-
	Base Sheet	145 SQ FT/Roll	-	Material	-
	Type III Asphalt	Coverage: 25 lbs/100 Sq Ft, 100 lb Cartons	-	Material	
	Cover Board	4 x 8 Sheets	-	Material	
1	Insulation Mech. Fastened	4' x 4' Sheets		Material	+
9	4* Fasteners			Material	-
		#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box			
	2" Plates	Galvalume-Coated Steel, 1000/Box	-	Material	-
	Labor	Priced per SQ FT	-	Labor	_
			-	Area	_
	Cap Sheet	95.8 SQ FT/Roll		Material	_
	Base Sheet	145 SQ FT/Roll		Material	
	Type III Asphalt	Coverage: 25 bs/100 Sq Ft, 100 b Cartons		Material	
	Cover Board	4' x 8' Sheets		Material	_
P	Insulation Mech. Fastened	4' x 4' Sheets		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2* Plates	Galvalume-Coated Steel, 1000/Box		Material	
-	Labor	Priced per SQ FT		Labor	
e In	APP Fascia Edge Flashing			Linear	
	12" Flashing Membrane	12" X 50' Roll		Material	
	Tapered Edge Strip	10' Lengths		Material	_
	Metal Fascia	12' Lengths		Material	-
	Metal Water Dam	12' Lengths	-	Material	-
	1" Roof Nails	1 Row(s) at 6" O.C. Spacing, 5000 per Box		Material	-
	Jabor	Priced per FT	-	Labor	-
	APP Parapet Wall	Filed per Fi	-	Linear	-
		2 - FO' Dell Class 1 Lawrence)		Material	-
	Base Flashing	3' x 50' Roll Size, 1 Layer(s)	-		
	Cap Flashing	3' x 50' Roll Size, 1 Layer(s)		Material	
	Cant Strip	10' Lengths		Material	-
	Fasteners	12" O.C. Spacing, 1 Row(s), 5000 per Box		Material	-
	Flashing Cement	20 SQ FT/GAL		Material	
	Asphalt Primer	100 SQ FT/GAL, 1 Coat(s)		Material	_
	P Labor	Priced per SQ FT		Labor	-
PII	APP Flat Edge Flashing			Linear	
	Cap Flashing	24" x 50' Roll		Material	-
	Base Flashing	24" x 50' Roll		Material	
	4" Metal Roof Edge	8' Lengths		Material	
	4" Joint Cover	8' O.C. Spacing		Material	
	Fasteners	12" O.C. Spacing, 1 Row(s), 5000 per Box		Material	
	Jabor	Priced per FT		Labor	
	APP Drain			Count	
	Strainer			Material	
	Clamp Ring			Material	-
	Deck Ring			Material	-
	Lead Flashing	3' x 3' Sheet(s)		Material	-
	and the function of the functi				+
	Flashing Cement	100 SQ FT/GAL	-	Material	
	Labor	Priced Each	-	Labor	-
i have been a second				Folder	
	APP System		-	Area	
-I-1 /	APP Flashing		-	Linear	
	APP Wall Flashing			Linear	
	APP Drains			Count	
/	APP Pipe Boots			Count	
	APP Extrusions			Count	

Commercial Roof Parts

e		Description	Division	Type	Col
🗅 Area T	akeoff Parts (Insulation, Membranes)			Folder	
🗄 🧰 Ad	hesives, Primers, Coatings, Asphalt			Folder	
	Asphalt Emulsion Coating	4.75 Gal. Container, Covers 142.5 SQ FT		Material	
	Asphalt Primer	4.75 Gal. Container, Covers 356.25 SQ FT		Material	
-	Bestle Utility Cement	4.75 Gal. Container, Covers 59.375 SQ FT		Material	
	BUR Adhesive	55 Gal. Container, Covers 3300 SQ FT		Material	
	EPDM Water Based Membrane Adh.	5 Gal. Container, Covers 750 SQ FT		Material	
-	Fibrated Aluminum Roof Coating	4.75 Gal. Container, Covers 475 SQ FT		Material	
-	LVOC Membrane Adh. (TPO,EPDM)	5 Gal. Container, Covers 375 SQ FT		Material	
-	PVC LVOC Membrane Adh.	5 Gal. Container, Covers 375 SQ FT		Material	
	PVC Water Based Membrane Adh.	5 Gal. Container, Covers 550 SQ FT		Material	
	TPO Water Based Membrane Adh.	5 Gal. Container, Covers 750 SQ FT		Material	
	Two-Part Urethane Adhesive 4 Cart. Case	4 Cartridge Case, Covers 500 SQ FT		Material	
	Two-Part Urethane Adhesive 5 Gal Box	5 Gal. Container, Covers 1500 SQ FT		Material	
-	Type I Asphalt	Coverage: 25 lbs/100 Sq Ft, 100 lb Cartons		Material	
	Type II Asphalt	Coverage: 25 lbs/100 Sq Ft, 100 lb Cartons		Material	
	Type III Asphalt	Coverage: 25 lbs/100 Sq Ft, 100 lb Cartons		Material	
	Type IIII Asphalt	Coverage: 25 lbs/100 Sq Ft, 100 lb Cartons		Material	-
	lti Ply Membranes			Folder	
T	APP Base	3' x 48' Roll		Material	-
	Appex 4.5M	3' x 32' Roll		Material	-
-	DynaBase	3' x 48' Roll		Material	-
-	BICOR	3' x 32' Roll		Material	-
-	Ruberoid Granule Membrane	3' x 32' Roll		Material	-
-	GlasBase Sheet	3' x 106' Roll		Material	-
-	GlasKap Sheet	3' x 36' Roll		Material	-
	GlasPly Sheet	3' x 177' Roll		Material	-
-	PermaPly	3' x 100' Roll	-	Material	+
	SPS Base	3' x 48' Roll		Material	+
-	Perforated Vented Base Sheet	3' x 100' Roll		Material	+
	TRICOR	3' x 33' Roll		Material	+
	Vensulation Felt	3' x 36' Roll		Material	-
00	ngle-Ply Membranes			Folder	
ē-	EPDM R 60 Mil MF	10' x 100' Roll	-	Material	-
TL	4* Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	+
	2" Plates	Galcalume-Coated Steel, 1000 per Box		Material	-
-	PVC 50 MI MF	10' x 100' Roll		Material	-
TL	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	-
	2" Plates	Galcalume-Coated Steel, 1000 per Box		Material	-
-	TPO 45 MI MF	10' x 100' Roll		Material	-
TL	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	-
	2" Plates	Galcalume-Coated Steel, 1000 per Box		Material	-
	TPO 45 Mi	10' x 100' Roll		Material	-
	TPO 60 Mi			Material	-
-		10' x 100' Roll			-
	TPO 45 Mil Fleece Backed	10' x 100' Roll		Material	-
	EPDM NR 60 Mil	10' x 100' Roll		Material	-
	PVC 60 Mil	10' x 100' Roll		Material	-
	EPDM R 60 Mil	10' x 100' Roll		Material	-
And the second sec	Poly Mat Sipsheet	12' x 100' Roll		Material	

ame			Description	Division	Type	Color
ē 😂	Insulation a	and Cover Boards		1	Folder	
Ē	Insulat	ion MF	4 x 4 Sheet(s)		Material	
	4"	Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	2*	Plates	Galvalume-Coated Steel, 1000/Box		Material	
E	Cover	Board MF	4' x 8' Sheet(s)		Material	
	4"	Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	1
	2"	Plates	Galvalume-Coated Steel, 1000/Box		Material	1
Ė	Insulat	ion Adhered	4' x 4' Sheet(s)		Material	1
	2-	art Urethane Adhesive	5 Gal. Container		Material	+
	DuraBo	ard	4 x 4 Sheet(s)		Material	+
	Enrgy	3	4' x 4' Sheet(s)		Material	+
	DuraFo		4' x 8' Sheet(s)		Material	+
	Fesco B		4' x 8' Sheet(s)		Material	-
	Invinsa	Roof Board	4' x 8' Sheet(s)		Material	+
	Invinsa		4 x 8' Sheet(s)		Material	+
	DensDe		4' x 8' Sheet(s)		Material	+
	and the second se	t Roof Board	4 x 8' Sheet(s)		Material	+
		Rigid Insulation	4' x 8' Sheet(s)		Material	+
		Gypcrete	4 x 8' Sheet(s)		Material	+
		Nat Roof Board	4 x 8' Sheet(s)		Material	+
		ber Roof Board	4' x 8' Sheet(s)	-	Material	+
-	Fasteners	ber Roor board	+ x o sheet(s)		Folder	
		ers per SQ FT		-	Folder	
1	E E Fas	and a state of the second s		-	Folder	
	e e ra	1.25* Fasteners	#2 Dhilling Mand, Care Mandared Sheel, 14 ap. 1000 Rev.	-	Material	-
		1.25" Pre-Assm. w/ 3" Steel Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box #3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	+
		2.5" Fasteners				+
			#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	+
		2.5" Pre-Assm. w/ 3" Steel Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
		3" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
		3" Pre-Assm. w/ 3" Steel Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
		4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
		4" Pre-Assm. w/ 3" Steel Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	+
		5" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 500/Box		Material	-
		5" Pre-Assm. w/ 3" Steel Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	4
		6" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 500/Box		Material	-
		7" Fasteners	#3 Phillips Head, Case-Hardened Steel, 14 ga, 500/Box		Material	-
		8" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 500/Box		Material	-
	-	6" Pre-Assm. w/ 3" Steel Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
	1	7" Pre-Assm. w/ 3" Steel Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
	-	8" Pre-Assm. w/ 3" Steel Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
	-	1.25" Pre-Assm. w/ 3" Plastic Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	_
		2.5" Pre-Assm. w/ 3" Plastic Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	_
		3" Pre-Assm. w/ 3" Plastic Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
		4" Pre-Assm. w/ 3" Plastic Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	-9	5" Pre-Assm. w/ 3" Plastic Plates	#3 Phillips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	- 3	6" Pre-Assm. w/ 3" Plastic Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	-00	7* Pre-Assm. w/ 3* Plastic Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	-0	8" Pre-Assm. w/ 3" Plastic Plates	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	

me		Description	Division	Type	Colo
0	Plates			Folder	
	2" APB Plates	APB Plates, 500/Box		Material	
	2" High Load Plates	High Load Plates, 500/Box	6	Material	
	2" Plastic Plates	Plastic Plates, 500/Box		Material	
	2" Metal Plates	Metal Plates, 500/Box		Material	
E C Fa	steners per OC Spacing			Folder	
and the second se	Seams (drag and drop parts onto membrane parts	0		Folder	
	Seam Tape	100' Roll		Material	-
-	Fasteners			Folder	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
	5" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box	1	Material	+
	6" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	+
	7" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	+-
	Plates	#3 Philips riedu, Case Hai de leu Steel, 14 ga, 1000/00X		Folder	-
1119	2" Metal Plates	Matal Dates 1000/Rev		Material	
		Metal Plates, 1000/Box	-		+-
	2" Plastic Plates 2" APB Plates	Plastic Plates, 1000/Box		Material	+-
		APB Plates, 1000/Box		Material	-
	2" High Load Plates	High Load Plates, 1000/Box		Material	+
	2" Extra High Load Plates	Extra High Load Plates, 1000/Box	1	Material	-
	Field (drag and drop parts onto takeoff item)			Folder	-
-	C Fasteners			Folder	_
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
	5" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
	6" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box	10	Material	
	7" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	_
E	C Plates			Folder	
	2" Metal Plates	Metal Plates, 1000/Box	-	Material	_
	2" Plastic Plates	Plastic Plates, 1000/Box	2	Material	
	2" APB Plates	APB Plates, 1000/Box	14	Material	
	2" High Load Plates	High Load Plates, 1000/Box		Material	
	2" Extra High Load Plates	Extra High Load Plates, 1000/Box		Material	
E 🗀 Fa	steners per Sheet (Insulation/Cover Boards)			Folder	
0	Fasteners (drag and drop onto parts)			Folder	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
1 1	5* Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
1 1	6" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
	7* Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	
0 0	Plates (drag and drop onto parts)			Folder	
	2" Metal Plates	Metal, 1000/Box		Material	
	2" Plastic Plates	Plastic, 1000/Box		Material	-
	2" APB Plates	APB, 1000/Box		Material	-
	2" High Load Plates	High Load, 1000/Box	1	Material	-
	2" Extra High Load Plates	Extra High Load, 1000/Box		Material	-
E Cabor	In the distributions	and a right south southers		Folder	
	bor per SQ FT		-	Labor	-
a La	on be od i		-	Labor	-

lame		Description	Division	Type	Colo
Line	ar Takeoff Parts (Tape, Flashing)			Folder	
80	Adhesives and Primers			Folder	
	Asphalt Emulsion Coating	4.75 Gal. Container, Covers 142.5 SQ FT		Material	
	Asphalt Primer	4.75 Gal. Container, Covers 356.25 SQ FT		Material	
	Bestile Utility Cement	4.75 Gal. Container, Covers 59.375 SQ FT		Material	
	BUR Adhesive	55 Gal. Container, Covers 3300 SQ FT		Material	
	Flashing Cement	4.75 Gal. Container, Covers 95 SQ FT		Material	
	EPDM Water Based Membrane Adh.	5 Gal. Container, Covers 750 SQ FT		Material	
	Fibrated Aluminum Roof Coating	4.75 Gal. Container, Covers 475 SQ FT		Material	
	LVOC Membrane Adhesive	5 Gal. Container, Covers 375 SQ FT		Material	
	PVC LVOC Membrane Adh.	5 Gal. Container, Covers 375 SQ FT		Material	
	PVC Water Based Membrane Adh.	5 Gal. Container, Covers 550 SQ FT		Material	
	TPO Water Based Membrane Adh.	5 Gal. Container, Covers 750 SQ FT		Material	
	Two-Part Urethane Adhesive 4 Cart, Case	4 Cartridge Case, Covers 500 SQ FT		Material	
	Two-Part Urethane Adhesive 5 Gal Box	5 Gal. Container, Covers 1500 SQ FT		Material	
80	Fasteners			Folder	
F	1.25" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	
	2.5" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Pail		Material	
	5" Fasteners	#3 Phillips Head, Case-Hardened Steel, 14 ga, 500/Pail		Material	
	6" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 500/Pail		Material	
	7" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 500/Pail		Material	-
	8" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 500/Pail		Material	
	2" Metal Plates	2" Metal Plates, 1000/Pail		Material	
	2" Plastic Plates	2" Plastic Plates, 1000/Pail		Material	
	2" ADP Plates	2" ADP Plates, 1000/Pail		Material	
00	Flashing and Tape			Folder	
I F	6" TPO Cover Tape	100' Roll		Material	
	10" TPO Cover Tape	100' Roll		Material	-
114	18" TPO Curb Flashing	50' Roll		Material	-
	10" TPO Peel and Stick RPS	100' Roll		Material	-
	6" TPO Peel and Stick RTS	100' Roll		Material	-
	36" PVC Detail Mem.	50' Roll		Material	
	8" PVC Detail Strip	150' Roll		Material	
	6" EPDM Sealing Strip	100' Roll		Material	
	12" EPDM Sealing Strip	50' Roll		Material	-
	6" EPDM Flashing	100' Roll		Material	-
	12" EPDM Flashing	50' Roll		Material	-
	4" Metal Flashing	100' Roll		Material	-
114	6" EPDM RTS	100' Roll		Material	
	39" Poly Base Flashing	32' Roll		Material	
	39" Poly Cap Flashing	26' Roll		Material	-

me		Description	Division	Туре	Colo
E 🗀 Me	mbranes		1	Folder	
	Multi Ply Membranes			Folder	
	APP Base	3' x 48' Roll		Material	
	Appex 4.5M	3' x 32' Roll		Material	
	DynaBase	3' x 48' Roll		Material	
	BICOR	3' x 32' Roll		Material	
	Ruberoid Granule Membrane	3' x 32' Roll		Material	
	GlasBase Sheet	3' x 106' Roll		Material	
	GlasKap Sheet	3' x 36' Roll		Material	
	GlasPly Sheet	3' x 177 Rol		Material	-
	PermaPly	3' x 100' Roll		Material	-
	SPS Base	3' x 48' Roll		Material	+
	Perforated Vented Base Sheet	3' x 100' Roll		Material	-
	TRICOR	3' x 33' Roll		Material	+
	Vensulation Felt	3' x 36' Roll		Material	+
0.0	Single-Ply Membranes			Folder	
Ē	Lance I and a second se	10' x 100' Roll		Material	-
1		#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	+
	4" Fasteners				+
	2" Plates	Galvalume-Coated Steel, 1000 per Box		Material	+-
		10' x 100' Roll		Material	+-
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	-
	2" Plates	Galvalume-Coated Steel, 1000 per Box	-	Material	-
	and the second se	10' x 100' Roll		Material	-
	4" Fasteners	#3 Philips Head, Case-Hardened Steel, 14 ga, 1000/Box		Material	_
	2" Plates	Galvalume-Coated Steel, 1000 per Box		Material	
	TPO 45 Mil	10' x 100' Roll	1	Material	
	TPO 45 Mil Fleece Backed	10' x 100' Roll		Material	
	EPDM NR 60 Mil	10' x 100' Roll		Material	
	PVC 60 Mil	10' x 100' Roli		Material	
	EPDM R 60 MI	10' x 100' Roll		Material	
	Poly Mat Slipsheet	12' x 100' Roll		Material	
	PVC Detail Membrane	3' x 50' Roll		Material	
🗄 🧰 Lat	bor			Folder	
the second se	Labor per FT			Labor	-
-	Labor per SQ FT			Labor	1
	Labor Hours			Labor	+
	Takeoff Parts (Pipe Boots, Vents)			Folder	
E C Ma				Folder	
	TPO Penetration Pocket			Material	-
_	TPO Pipe Boot			Material	-
	TPO T-Joint Patch			Material	+
	PVC Pipe Boot			Material	-
	PVC Pipe boot PVC T-Joint Patch			Material	+
				and the local division of the local division	+
-	PVC Penetration Pan		-	Material	-
	One Way M-Vent			Material	+
	24 GA G.I. Flashing Sleeve	at at the second		Material	-
	Lead Flashing	4 x 4 Sheets		Material	-
-	1" Bond Breaker Tape	100' Roll		Material	-
E 🗀 Lat			-	Folder	
	Labor per EA			Labor	_
	Labor Hours			Labor	
Basic M	Aaterial and Labor Parts			Folder	
- 🥵 Ma	iterial			Material	
- de Lat	bor			Labor	
She in a	bor Hours			Labor	