



## **CSS COMMERCIAL ROOFING DATABASE**

The Construction Support Services Commercial Roofing database has over 3700 items of work covering all phases of roofing construction including flat roofing, shingles and tiles, metal panels and sheet metal flashings.

This database is complete with labor, material and sub contract unit pricing which can be modified by the end user with their specific historical data.

The database includes eTakeoff Traces and Bridge Mappings.

### **Database Specifications:**

- Over 3700 Items
- Over 50 Phases
- Over 700 Formulas
- Over 90 Material classes
- Over 170 Assemblies

### **The database includes assemblies in the following categories:**

Roof Demo & Setup	3 Assemblies	Pitched Roof Assemblies	5 Assemblies
Insulation & Underlayment	6 Assemblies	Sheet Metal Flashing	37 Assemblies
Adhered EPDM Systems	5 Assemblies	Metal Panel Systems	20 Assemblies
Mech. Attached EPDM	7 Assemblies	Underlayments-Metal Roofing	2 Assemblies
Ballasted EPDM Systems	3 Assemblies	Hydrotech Waterproofing	2 Assemblies
EPDM Flashing Systems	26 Assemblies	Wood Blocking	3 Assemblies
TPO Systems	5 Assemblies	PVC Systems	9 Assemblies
TPO Flashing Systems	24 Assemblies	PVC Flashing	6 Assemblies
Built-Up/Modified Systems	8 Assemblies		
Built-Up/Modified Flashing	7 Assemblies		
Underlayment & Dry-In	1 Assembly		

**Assembly Takeoff: Com Roof Data**

03.000 ADHERED EPDM SYSTEMS  
 03.010 Firestone 60mil Standard Adhered EPDM  
 Pass 1 1/14/2012 10:45 AM  
 New pass

Firestone 60mil Standard Adhered EPDM

Quantity	1,000	each
Roof Area	120,000.000	sf
S.P. Matl. Width	10.000	ft
S.P. Matl. Length	100.000	ft
Tape Width	3.000	in
Adhesive Coverage	60.000	sf
5' Cover ?	Yes	
Acrylic Coating ?	Yes	

Pass 2

Phase	Item	Description	Quantity	Unit	Location	Area	Building	Work
1		Fire. 60mil Std EPDM						
2	20.200	1130 Firestone Standard EPDM Panels - .060 - 10' x 100'	126,000.000	sf				
3		Fire.QkSeam Tape						
4	20.200	3205 Firestone QuickSeam 3" Splice Tape	13,860.000	lf				
5	20.200	3300 Firestone QuickPrime Plus 3 gal.	13,200.000	lf				
6	20.200	3145 Firestone Bonding Adhesive	2,000.000	gal				
7	20.200	3220 Firestone QuickSeam Flashing	13,860.000	lf				
8	20.200	3300 Firestone QuickPrime Plus 3 gal.	13,200.000	lf				
9	10.200	360 Acrylic Base Coat - 1 gal/sf	120,000.000	sf				
10	10.200	365 Acrylic Top Coat - 1 gal/sf	120,000.000	sf				
11	20.200	2080 EPDM Membrane PreWash (Not Unive	120,000.000	sf				
12	20.200	2100 Universal Coatings AcryliTop Base Coat	120,000.000	sf				
13	20.200	2085 Universal Coatings AcryliTop PC-100 C	120,000.000	sf				
14	20.200	3280 Firestone QuickSeam Joint Covers	300.000	ea				
15	10.200	15 Adhere EPDM	120,000.000	sf				
16	10.200	355 Power Wash EPDM	120,000.000	sf				
17								

Quantity: 120,000.00 sf      Cost: \$298,502.82      \$2.49 / sf

OK    Cancel    Help

Phase	Description	Takeoff Quantity	Labor Productivity	Labor Cost/Unit	Labor Price	Labor Amount	Material Price	Material Amount	Total Amount
<b>LABOR</b>									
10.200	<b>MEMBRANE ROOFING LABOR</b>								
	Adhere EPDM	120,000.00 sf	0.065 mh / sf	0.65 /sf	10.00 /mh	78,000	-	-	78,000
	Adhere Insulation	120,000.00 sq	0.750 mh / sq	9.00 /sq	12.00 /mh	1,080,000	-	-	1,080,000
	Adhere Gyp Board / Dens Deck	120,000.00 sf	0.015 mh / sf	0.18 /sf	12.00 /mh	21,600	-	-	21,600
	Power Wash EPDM	120,000.00 sf	0.015 mh / sf	0.15 /sf	10.00 /mh	18,000	-	-	18,000
	Acrylic Base Coat - 1 gal/sf	120,000.00 sf	0.020 mh / sf	0.20 /sf	10.00 /mh	24,000	-	-	24,000
	Acrylic Top Coat - 1 gal/sf	120,000.00 sf	0.020 mh / sf	0.20 /sf	10.00 /mh	24,000	-	-	24,000
<b>MATERIAL</b>									
20.100	<b>INSULATION MATERIAL</b>								
	Atlas Poly Iso Board 4.00" - R25	120,000.00 sf	-	-	-	-	120.00 /sq	144,000	144,000
	Dens-Deck 5/8"	120,000.00 sf	-	-	-	-	34.00 /sq	40,800	40,800
20.200	<b>MEMBRANE ROOFING MATERIAL</b>								
	Firestone Standard EPDM Panels - .060 - 10' x 100'	126,000.00 sf	-	-	-	-	350.00 /fl	44,100	44,100
	EPDM Membrane PreWash (Not Universal)	120,000.00 sf	-	-	-	-	17.12 /gal	6,847	6,847
	Universal Coatings AcryliTop PC-100 Coating WHITE	120,000.00 sf	-	-	-	-	21.58 /gal	25,896	25,896
	Universal Coatings AcryliTop Base Coat for EPDM (L	120,000.00 sf	-	-	-	-	21.58 /gal	25,896	25,896
	Firestone Bonding Adhesive	2,000.00 gal	-	-	-	-	12.27 /gal	24,530	24,530
	Firestone QuickSeam 3" Splice Tape	13,860.00 lf	-	-	-	-	198.70 /ctn	4,590	4,590
	Firestone QuickSeam Flashing	13,860.00 lf	50.000 lf / hr	0.25 /lf	12.50 /hr	3,465	212.09 /ctn	14,698	18,163
	Firestone QuickSeam Joint Covers	300.00 ea	-	-	-	-	160.00 /ctn	480	480
	Firestone QuickPrime Plus 3 gal.	13,200.00 lf	-	-	-	-	15.15 /gal	2,000	2,000
	Firestone QuickPrime Plus 3 gal.	13,200.00 lf	-	-	-	-	15.15 /gal	2,000	2,000
	Type IV Steep Asphalt	18.00 ctn	-	-	-	-	26.50 /ctn	477	477