

Trassig PIP Calculation Sheet

Wear or EPDM layer is typically 0.5 inch thick, requiring two pounds per sf. Each bag is 55 lbs. The wear layer takes 22% binder content. So, for every 100 pounds of EPDM granules, you need 22 pounds of binder. Each 5-gallon pail of binder contains 44 pounds.

Base layer (Buffings) is the rest of the depth. So, if total depth is 3 inches, it's 2.5 inches buffings and 0.5 inches of wear layer. The base layer takes 16% of binder by weight. So for every 100 lbs of buffings you need 16 pounds of base layer binder. The following table shows the amount of buffings you will need at any depth. Buffing bags weigh 50 pounds each.

Fall Height	Depth of buffings	Lbs per sqft
3'	1"	2.0 lbs/sqft
4'	1.5"	3.0 lbs/sqft
5'	2"	4.0 lbs/sqft
6'	2.5"	5.0 lbs/sqft
7'	3"	6.0 lbs/sqft
8'	3.5"	7.0 lbs/sqft
9'	4"	8.0 lbs/sqft
10'	4.5"	9.0 lbs/sqft
11'	5.0"	10.0 lbs/sqft
12'	5.5"	11.0 lbs/sqft
13'	6.0"	12.0 lbs/sqft

For Bonded Rubber you need 18% binder. So, for every 100 pounds of shredded rubber, you will need 18 pounds of binder.

If you need any further help, please call 203-659-0456 or email info@trassig.com