



TECH TIPS

a technical bulletin by the experts at Gaco Western

Spray Technique - Counting Passes

Wouldn't it be great to have a personalized formula to help you spray the correct foam thickness every time? Just think about the time and money you'd save by doing things right the first time!

Easy as...



Having trouble with foam? Just pick up the phone!

Gaco Western's Tech Hotline:
855 639 4649

8am - 8pm CST, Mon-Sun

Ideas, suggestions or questions?

techtips@gaco.com

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Spraying foam to the right thickness on a consistent basis is easier than one would think. All you need to do is count your passes as you spray. You can do this by counting up as 'one' and down as 'two' or vice versa. Next, count your passes across the bay. Every person will end up with a different number based on spray technique, and numbers might also change throughout the day as spraying slows from fatigue. The main goal is to find out the number that correlates to your technique so that you can be consistent and efficient. The speed at which you are spraying will affect your ideal pass count. If you move faster, you will need

more passes but will have smoother closed cell foam. Moving slower will yield rougher foam, but will be less strenuous for you. Our technicians prefer to go a little faster and have a smoother finish.

Summing it up.

Most stud bays are 16" on center. If you spray 17 passes and check your depth and find it to be shy of your goal, then add a couple additional passes. After you get the correct number of passes and the depth is where you want it to be, all you have to do is repeat this spray pattern on all the 16" on center bays.



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Spray Technique - Counting Passes (Continued)

Too much? Too little? Or just right?

If you are experiencing problems with having too much foam in the middle of the bay and nothing (or lesser amounts) on the edges, the problem could be a chamber that is too big for that sized bay. A 16" on center bay has a cavity that is 14.75" open. If your pattern is 10"- 12" with an 02 chamber (AR-5252) then you are likely to have this problem of varied thickness and must move very fast to avoid it. This could lead to early fatigue. Try a 6"- 8" pattern for this scenario, which is an 01 chamber (AR-4242). This way you can start

your pass and walk it to the other side without spraying too much foam in the middle of the bay. Our technicians recommend an 01 chamber in a 16" stud bay. If the stud bay is 24" on center, then an 02 chamber is recommended. If the bay is wide open then you may want to consider an 03 or 04 chamber depending on the situation.

Once you figure out how to count your passes and spray the correct thickness the first time, you will be working twice as fast as you were before. You will also achieve better yield as you are more efficient and not having to back spray. The result will be saved time and money. 

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