

Mixing & Spraying SoyFuze



MIXING

SoyFuze is a blend of a 80% Soybean Oil Derivative and 20% Proprietary Blend of Emulsifiers, Polymers, Surfactant, Wetting Agent and Dispersant.



WARNING: DO NOT SPRAY ON SHINGLES AT FULL STRENGTH, THIS WILL OVER FLEX THE SHINGLE, WE WANT FLEXIBLE AND OILED, NOT GOOEY!

The final soy oil percentage we want on the shingle is 20% for the best long lasting results and durability. To get there we mix at a ratio of 1:3, 1 being SoyFuze and 3 being water.

Sample

32oz SoyFuze gets mixed into 96oz of Water for a Total of 128oz of Ready to Spray Product

Full Gallons

1 Gallon of SoyFuze gets mixed into 3 Gallons of Water for a Total of 4 Gallons Ready to Spray
any ratio works such as Mixing 3 Gallons of SoyFuze into 9 Gallons of Water or
6 Gallons of SoyFuze into 18 Gallons of Water, 9 into 27 Etc. Etc.

Always add the SoyFuze into the water, not vice versa.

So for example... If mixing in a 5 gallon bucket, then...

Add 3 gallons of clean water to your bucket, then while mixing with any type of paddle on medium speed, slowly add your one gallon of SoyFuze concentrate gradually until mixed.

The mix will become milky white, that is what we want. Foaming will occur, this is normal and not an issue at all. It will dissipate.

If mixing in a larger vessel or drum, then...

Multiply the gallons of concentrate you are mixing by 3, and add that amount of water to your container. Then again, mix while adding your concentrate gradually.

If the product is sitting in the hose/ line longer than 30 minutes without spraying then, cycle the product back into the main vessel just to keep it mixed.

Also, slightly stir your main vessel right before application and then every 30 minutes as needed.

Power Play Inc and the brand SoyFuze can not be held responsible as mixing is vital for final performance. Many weaken further and for that reason there are no warranties implied or expressed when using this product. In addition we cannot oversee the mixing to ensure accuracy, however if following these easy directions you will be successful! Reach out with any questions!

SPRAYING & COVERAGE GUIDE LINES

You want between 50 and 100 degrees and no rain the day before or after.

SoyFuze can be sprayed through any on demand diaphragm pump just like a soft wash system uses. It is very important to flush the pump immediately after words with at least 10 gallons of clean water (you may add a small amount of dawn as well).

SoyFuze can also be sprayed through regular hand held or backpack pump up sprayers. These are very easy to source at any home improvement store. These should also be flushed right after.

Airless paint sprayers are also an option. If using an airless paint sprayer we recommend a smaller fan pattern and running on low pressure. Less atomization is better. An extension wand on the gun will also make this much nicer to use.

For contractors, we recommend a certain diaphragm pump rated for oil based products, which is what we use with our service side of the business. These pumps hold up great over time and come with a 2 year warranty. Again, we are happy to help with brands and setup, reach out to us anytime!

Start from either the bottom roof edge and work your way up the roof in sections spraying evenly on the surface. Or if spraying from or working down to a ladder then spray top to bottom. Either way works fine. **You are aiming for 100 SF for roofs in the 15 to 25 years of age, 125 SF for a roof 10 to 15 years in age, and 150 SF per gallon for roofs on the 5 to 10 years of age (of diluted ready to spray product).** This is just a guideline, shingles in different areas dry out in different intervals of course! We like it to look white on the surface, so not so light that it only looks wet, but not so heavy that it is running down off of the shingles and you are wasting product either. Aim for a one to two shingle run down if possible.

RINSING

It is nice to have a ground person rinsing below. The product will not kill plants but it is nice to rinse plants, concrete, and anything below while it is coming over the edge. If unable to have a ground guy, just rinse off everything ground level after the application of the roof.

I am very accessible and happy to help in any way I can. Feel free to text, call, or email. (email is best for me).



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SoyFuze

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A Power Play Inc Brand

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