



## General Application Instructions for Hawaiian SunGuard Roof Coating

Visit our website [www.HawaiianSunGuard.com](http://www.HawaiianSunGuard.com)

**1.** Decide whether you want a simple Reflectivity Coat or a Full Fabric Renewable Roof. You can choose to save money by rolling out our simple Reflectivity Coat to cool down your home and protect your roof from the sun's UV damage for about 85 cents a SF. This is especially good for roofs (including asphalt/composition shingle) in fair condition that don't have a lot of ponding water. Or, you can install our Full Fabric Renewable Roof, which can be a lifetime waterproofing system, with periodic maintenance, for about \$1.85 a SF. For more info on these two systems read the instructions below. If you aren't sure if your roof is in a good enough condition to coat call our office at (808) 262-7663 for a free inspection on Oahu.

**2.** Before we begin let's take a moment for safety. We recommend that you visit the [www.OSHA.gov](http://www.OSHA.gov) website to get the latest in safety laws. We also sell an OSHA approved harness kit called Compliance in a Can on our Products Page which is easy to use. We don't mark up this item, we sell it for our wholesale cost to encourage safety. If you don't believe that you can do this by yourself safely, call us and we will recommend a licensed roofing contractor in Hawaii that can do it for you.

**3.** Clean off the roof surface of any dirt or debris. If you have any substantial mold or algae you can use a water and bleach mix (1:1). Make sure roof is dry before priming. Do not apply any coating if rain is expected during the drying period.

**4.** Apply a light coat of our HSG Epoxy Primer at a rate of 1 gal. per 300 SF on rough surfaces (such as asphalt composition shingles or mineral surface cap sheet). Smooth roofs (such as metal, rubber and single ply, etc.) will only need about 1 gal. per 500 SF. Don't put in on so thick that it puddles. You can also mist it on with a Hudson type garden sprayer. The primed surface will be slightly tacky to the touch and ready to coat in 1 to 2 hours. You should install the first coat of HSG within 72 hours of priming. If not, then simply re-prime.

**5.** Fix any roof cracks, seams, penetrations or other suspect areas with our HSG Roof Repair Putty and reinforcing fabric. Simply get a brush (or putty knife) and smother the suspect areas with our putty. Cut off a piece of our fabric and imbed into the wet putty. Put another coat of putty over the fabric. Allow to dry before putting on roof coating. If the cracks are not too large you can get away with using the HSG Roof Coating instead of the HSG Putty. However, if the holes are very large, then you should fill them with a can of spray urethane foam.

**6.** Roll out a thick, even 1st coat of HSG Roof Coating. Most people put it on too thin when they first start. That's OK, as long as you end up using the recommended amount. You'll just end up doing more coats. The Reflectivity Coat will use a total of about 2 to 3 gals. per 100 SF in two thick, even coats. The Full Fabric Renewable Roof will total between 4 to 5 gals. per 100 SF in about three thick, even coats. Never put down any coating if rain is predicted. You will want to keep a blue tarp handy to cover up if a surprise shower comes by. See further instructions for your specific type of roof on this website.

\*If you are doing a Reflectivity Coat only, your work is done. Proceed to the Rooftop Party!

**7.** Roll out the 40" reinforcing fabric into the wet 1st coat. Using your paint roller (or a broom) you work out any wrinkles in the fabric. If no rain is expected (and it's not too late in the day) you can put your 2nd coat on while you are working out the bubbles with your roller. Like wallpaper, it's useful to push the air pockets from the middle of the fabric towards the edges. Get out as many bubbles as you can. If any large ones remain after the coating dries you can simply slice and fill with more coating.

**8.** Roll out your final coat(s). Depending on weather (and how thick your 1st coats are) your final coats can go down after 24 hours. Make sure you use the total recommended amount of coating and that no fabric texture or seams are visible. If you have extra coating, reinforce any "weak knee areas" with more coating. If you have any ponding water areas (any place on the roof where there is still water after 24 hours of no rain) then put a 2nd layer of reinforcing fabric over those areas and repeat Step 7.

**9.** Throw a Rooftop Party! With all the money you've now saved (and will be saving in the future with your reduced energy costs) you can deserve to buy the best. Don't forget to invite us.